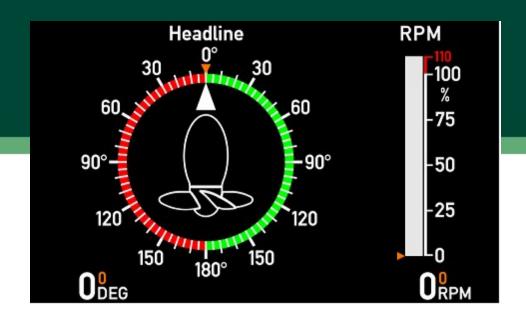


XDi 144/192 Multi

Standard Azimuth



Library owner: DEIF STANDARD LIB

Library number: 1

Library version: 2014

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Library description:

This XDi Multi library contains a selection of Azimuth Multi indicators (VI), respectively for forward and aft bridge applications.

Each virtual indicators has a selection of input/output setup profiles (VS) covering the most common used combination of XDi-net, CANopen, AX1 analogue and DX1 digital inputs. Some VS profile also supports the NX NMEA extension module.

Default CAN bus setup and dimmer input configurations are available in the selection of product profiles (PP).

Select the VS and PP profile that fits your need for CAN, Analogue or Digital inputs and make the necessary adjustments via the XDi installation menu or user menu.

All multi indicators has a set-point (commanded value) presented in orange. Disable the set-points that you don't need via the installation menu (Menu: Edit virtual indicator).

PLEASE NOTE:

This library is using XDi platform 2 main software (version no. higher than 2000). It is possible to update an existing XDi "Platform1" unit to "Platform 2".

It is important that you always use the latest Upgrade tool, it can be downloaded from DEIF.com - Software.

Please also note that it will take a little longer to upgrade to a new platform than when making an update where the correct platform software is already installed.

Libra	Library status symbols :				
0	Released & Locked				
~	Approved				
-	Pending				
A	Draft				
0	Not approved				

XDi Library Information



Timestamp 17-07-2025 13:57:55

Library Specification

Library owner no.: 000001

Library owner name : DEIF STANDARD LIB

Product type: XDi 144/192

Performance class : Multi

Library number: 1

Library name : Standard Azimuth

Library orientation: Landscape

Library status: Released & Locked

Library version: 2014

Last changed : 17-07-2025 13:57:37

Library default settings:

180 display rotation: False **CAN NodelD**: 30

Library notes:

17-07-2025/JOL, ver.2014: Added 8 new VI's type Pulling azimuth, RPM and Power it is VI029 to VI036

08-02-2023/SJS, Ver. 2013: XDi main software update to Qt v.3.06.1 and Capp software is updated to v.3.06.0, this version supports presentation of UK MER flag mark in surveyor menu in addition to the wheel marking, no other changes are made.

The default library settings can be changed using the startup wizard or via installation menu. GENERAL FOR STANDARD DEIF LIBRARIES:

The default CANbus setup and Dimmer configuration are defined in the selected Product Profile (PP).

In all PP's CAN1 and CAN2 are default set active for CANopen and XDi-net communication. The CANbus default setting can be changed from XDi installation menu and Dimmer setup can be changed from XDi user menu.

Default monitoring of supply voltage 1 is active, if redundant supply is used monitoring on supply voltage 2 should be activated.

12-07-2022/JOL, v2012: 4-20mA input lost (below 3.5mA) are added to all VS profiles where it is relevant.

New VS profile with Dual linear potentiometer input (default 0-10V) is added to all VI's.

22-12-2021/JOL, v2012: PP04 Colour shift now works as described without change via XDi menu.

07-09-2021/JOL, v2011: Small bug in VS04 for VI001 to VI008 is fixed. Bug: The analogue Azi setpoint input was generating

actual azimuth value and not the azi set-point value.

20-11-2020/JOL, v.2010: Azi pointer day/night issue fixed in VI001, 2, 5, 6, 13, 14, 17,18.

23-09-2020/JOL, v.2009: XDi input adjust menu for PDO Pitch%set is activated in VS02 in VI013 to VI020.

Product profiles (PP)



Default settings of product and system related parameters, as dimmer and CANbus settings are stored in a product profile.

			Timestamp	17-07-2025 13:57:55
PP No.	PP Name	Description	Status	Notes
1	PP01 XDi-net	Dim XDi-net/Front button Dimmer via XDi-net (CAN) and/or via front buttons, Requires option: Front frame with buttons Default settings: XDi-net is active Dimmer group 1 Dimming via XDi-net Auto Day/Night Shift at 70%	•	CANbus and Dimmer settings can be changed from XDi menu
		Monitoring supply voltage 1		
2	PP02 Analogue	Analogue Dimmer Required: AX1 in Slot 1	<u>.</u>	An external ref. voltage >7.5V can be connected to Vref out overwriting the
		Dimmer potmeter (+ term 3, - term 1, wiper term 2) Can be reconfigured to voltage input		internal Vref. From the user menu, you can alternatively reconfigure the analogue
		Default settings: Dimmer group 1 Analogue Potmeter 0 to Vref (max. 30V) Auto Day/Night Shift at 70% Shared on XDi-net Monitoring supply voltage 1		dimmer input to a normal voltage input.
3	PP03 CAN	CAN Dimmer CANopen TPDO dimming		DEIF default TPDO's are predefined and used in all
		Default settings: Dimmer group 1 Auto Day/Night Shift at 70% Monitoring supply voltage 1		standard libraries. The default TPDO's for dimmer group control can be changed to any TPDO or RPDO via user menu.
4	PP04 Digital	Digital Dimmer Required: DX1 in Slot 1	<u></u>	Digital input configuration can be changed from
		Digital input 1 up (+term 11,- term 10) Digital input 2 down (+term 8,- term 7)		menu.
		Simultaneous activation of IN1 and IN2 for Day/Night Shift		
		Default settings:		
		Dimmer group 1 Shared on XDi-net Monitoring supply voltage 1		

PP No.	PP Name	Description	Status	Notes
5	PP05 Analogue	Analogue Dimmer Local Required: AX1 in Slot 1 Dimmer potmeter (+ term 3, - term 1, wiper term 2) Can be reconfigured to voltage input	.	The dimmer group is "Local" and the dimmer input will only affect this unit, dimmer level will not be shared on XDi-net.
		Default settings: Dimmer group: Local Analogue Potmeter 0 to Vref (max. 30V) Auto Day/Night Shift at 70% (Local - Not shared on XDi-net) Monitoring supply voltage 1		
6	PP06 Fixed	ECR Fixed Dimmer Dimmer level can be adjusted via front buttons. Option: Front frame with buttons can be used. To extend the backlight life	.	Default fixed dimmer level is reduced to 75% to extend backlight life. Dimmer level and Day/Night colour can be changed from user menu.
		fixed backlight should be below 90% Default settings: XDi-net active Dimmer group: Local Auto Day/Night Shift at 70% Monitoring supply voltage 1		

Virtual Indicators (VI)



The VI contains the graphical layout of and indicator and defines all data types that are presented on the indicator.

Each VI has at least one VI-setup profile (VS) that defines the input types and default parameter settings.

Timestamp 17-07-2025 13:57:55

VI No.	Name	VI-setup profiles (VS)	Approvals	Status
001	AZI 1 FWD	7	•	a
002	AZI 1 AFT	7	*	a
003	AZI 2 FWD	7	•	a
004	AZI 2 AFT	7	•	
005	AZI 3 FWD	7	*	
006	AZI 3 AFT	7	*	a
007	AZI 4 FWD	7	*	a
800	AZI 4 AFT	7	*	
009	Reserved 5	1	₩ ※	
010	Reserved 5	1	₩ ≠	
011	Reserved 6	1	₩ *	
012	Reserved 6	1	₩ ≠	
013	AZI 7 FWD	9	•	
014	AZI 7 AFT	9	*	
015	AZI 8 FWD	9	*	
016	AZI 8 AFT	9	*	
017	AZI 9 FWD	9	*	
018	AZI 9 AFT	9	**	
019	AZI 10 FWD	9	*	a

VI No.	Name	VI-setup profiles (VS)	Approvals	Status
020	AZI 10 AFT	9	*	a
021	AZI 11 FWD	7	*	a
022	AZI 11 AFT	7	*	a
023	AZI 12 FWD	7	*	a
024	AZI 12 AFT	7	*	•
025	AZI 13 FWD	7	*	a
026	AZI 13 AFT	7	*	a
027	AZI 14 FWD	7	*	a
028	AZI 14 AFT	7		•
029	AZI 15 FWD	7	*	•
030	AZI 15 AFT	7	*	a
031	AZI 16 FWD	7	*	a
032	AZI 16 AFT	7	*	a
033	AZI 17 FWD	7		•
034	AZI 17 AFT	7		•
035	AZI 18 FWD	7	*	•
036	AZI 18 AFT	7	*	a

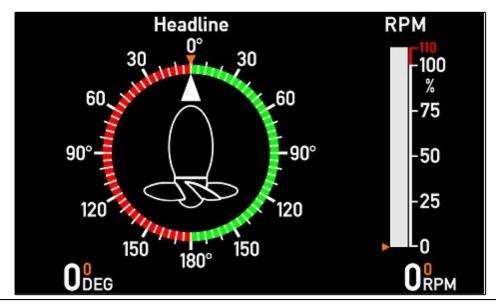
Approvals only apply for XDi 192.

Detailed Virtual Indicators (VI) description



Timestamp 17-07-2025 13:57:56

VI 001 AZI 1 FWD



Description: AZI 1 Pushing FWD

Azimuth ±180 deg. 0°up with digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout

All with set point

Status:

0

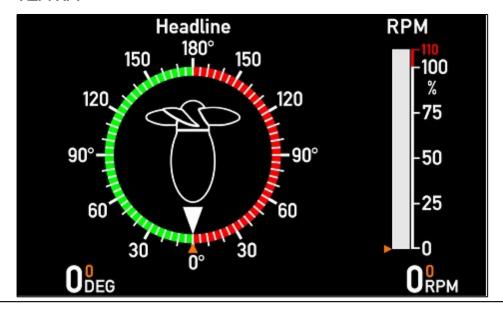
VI Notes:

VI-setu	VI-setup profiles (VS) for VI001						
VS No.	Name	Description	Status	Notes			
1	VS01 XDi-net	All input data via XDi-net Azimuth: XDi-net	a	The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller providing data in XDi-net format.			
		Azimuth set-point: XDi-net		Please note that TPDO's or RPDO's are not			
		RPM/RPM%: XDi-net		retransmitted in XDi-net format, but are used directly			
		RPM/RPM% set-point: XDi-net		by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.			
2	VS02 TPDO	All input data via TPDO or XDi-net	<u>.</u>	TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu.			
		Azimuth: TPDO		TPDO input can be scaled from menu.			
		Azimuth set-point: TPDO		This profile can also be used for XDi-net input, if a			
		RPM/RPM%: TPDO		combination of TPDO and XDi-net is used.			
		RPM/RPM% set-point: TPDO		TPDO input can be disabled to run pure XDi-net.			
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		COBID and input data scaling can be changed from the XDi installation menu.			
		Azimuth: CAN TPDO (RTC)/(XDi-net)		Analogue input type and scaling can be changes from			
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		XDi installation menu.			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)					
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)					
		AX1 input lost below 3.5mA on all					

VS No.	Name	Description	Status	Notes
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2	A	Analogue input type and scaling can be changes from
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)		XDi installation menu.
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA on all		
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		VS05 AZI– SIN/COS input SIN/COS input can be
		Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1)		adjusted from menu and zero point can be changed. Analogue input type and scaling can be changes from XDi installation menu.
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4)		
		AX1 input lost below 3.5mA		
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		
6	VS06 RTC/RPM	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		The azimuth TPDO input can be adjusted or disabled
		Azimuth: CAN TPDO (RTC)/(XDi-net)		(XDi-net only). COBID and input data
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		scaling can be changed from the XDi installation menu or TPDO can be disabled
		RPM/RPM%: DX1 S2i1: Signal (+term 11, -term10)		allowing only XDi-net. Analogue input type and scaling can be changes from XDi installation menu.
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)		Digital RPM input scaling can be changes from XDi installation menu.
		AX1 input lost below 3.5mA		motanation monu.

VI-setu	VI-setup profiles (VS) for VI001					
VS No.	Name	Description	Status	Notes		
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		Default Azi. settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de g=(10V,5V) Default settings can be changed via XDi menu. Analogue input type and scaling can be changes from XDi installation menu.		

VI 002 AZI 1 AFT



Description: AZI 1 Pushing AFT

Azimuth ±180 deg. 0° down w/ digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout

All with set point

Status:

VI Notes :

VI-setup profiles (VS) for VI002 VS No. **Description** Status Name **Notes** Ω All input data via XDi-net 1 VS01 XDi-net The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller Azimuth: XDi-net providing data in XDi-net format. Azimuth set-point: XDi-net Please note that TPDO's or RPDO's are not RPM/RPM%: XDi-net retransmitted in XDi-net format, but are used directly RPM/RPM% set-point: XDi-net by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs

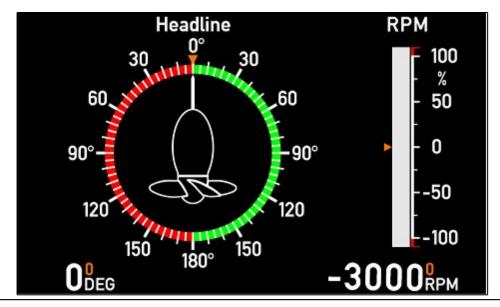
(e.g. CAN encoder) are

used.

VI-setu	up profiles (VS) for	· VI002		
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net		TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu.
		Azimuth: TPDO		TPDO input can be scaled from menu. This profile can also be used
		Azimuth set-point: TPDO		for XDi-net input, if a
		RPM/RPM%: TPDO		combination of TPDO and XDi-net is used. TPDO input can be disabled
		RPM/RPM% set-point: TPDO		to run pure XDi-net.
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		COBID and input data scaling can be changed from
		Azimuth: CAN TPDO (RTC)/(XDi-net)		the XDi installation menu. Analogue input type and scaling can be changes from
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		XDi installation menu.
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA on all		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		Analogue input type and scaling can be changes from
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)		XDi installation menu.
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA on all		

<u>VI-setu</u>	VI-setup profiles (VS) for VI002					
VS No.	Name	Description	Status	Notes		
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2	a	VS05 AZI– SIN/COS input SIN/COS input can be adjusted from menu and		
		Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1)		zero point can be changed. Analogue input type and		
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4)		scaling can be changes from XDi installation menu.		
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4)				
		AX1 input lost below 3.5mA				
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)				
6	VS06 RTC/RPM	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		The azimuth TPDO input can be adjusted or disabled		
		Azimuth: CAN TPDO (RTC)/(XDi-net)		(XDi-net only). COBID and input data		
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		scaling can be changed from the XDi installation menu or TPDO can be disabled		
		RPM/RPM%: DX1 S2i1: Signal (+term 11, -term10)		allowing only XDi-net. Analogue input type and scaling can be changes from		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)		XDi installation menu. Digital RPM input scaling can be changes from XDi installation menu.		
		AX1 input lost below 3.5mA		installation menu.		
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI001		
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND.				
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA				
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)				





Description: AZI 2 Pushing FWD

Azimuth ±180 deg. 0°up with digital readout

RPM ±110%

Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes: Bar graph: Positive %RPM is green and negative is red.

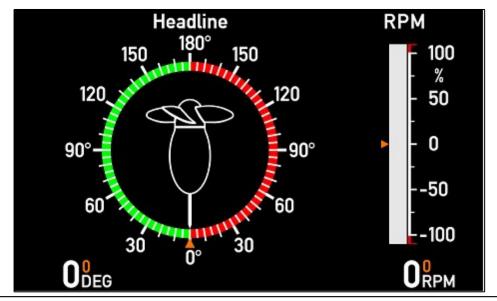
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI003 Name **Notes** VS No. **Description Status** 0 All input data via XDi-net 1 VS01 XDi-net See similar VS profile for VI001 Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net

VI-setu	<u>up profiles (VS) fo</u>	<u>r VI003</u>		
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net	A	See similar VS profile for VI001
		Azimuth: TPDO		
		Azimuth set-point: TPDO		
		RPM/RPM%: TPDO		
		RPM/RPM% set-point: TPDO		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2	\Box	See similar VS profile for VI001
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA on all		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)		
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA on all		
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI001
		Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1)		
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		

VI-set	VI-setup profiles (VS) for VI003				
VS No.	Name	Description	Status	Notes	
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2	<u> </u>	See similar VS profile for VI001	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7)			
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA			
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND.			
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA			
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)			





Description: AZI 2 Pushing AFT

Azimuth ±180 deg. 0° Down w/ digital readout

RPM ±110%

Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes: Bar graph: Positive %RPM is green and negative is red.

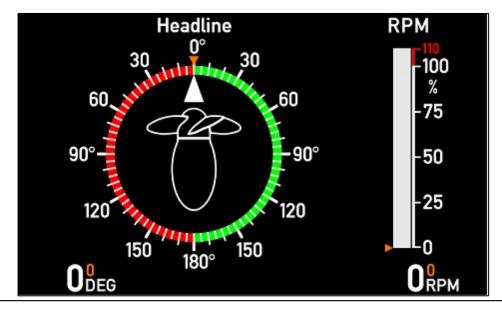
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI004 Name **Status Notes** VS No. **Description** 0 All input data via XDi-net 1 VS01 XDi-net See similar VS profile for VI001 Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net

VI-setu	VI-setup profiles (VS) for VI004			
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net	A	See similar VS profile for VI001
		Azimuth: TPDO		
		Azimuth set-point: TPDO		
		RPM/RPM%: TPDO		
		RPM/RPM% set-point: TPDO		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA on all		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)		
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA on all		
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI001
		Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1)		
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		

VI-set	VI-setup profiles (VS) for VI004			
VS No.	Name	Description	Status	Notes
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2	<u> </u>	See similar VS profile for VI001
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA		
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI001
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND.		
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		

VI 005 AZI 3 FWD



Description: AZI 3 Pulling FWD

0

Azipull ±180 deg. 0°up with digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout

All with set point

Status:

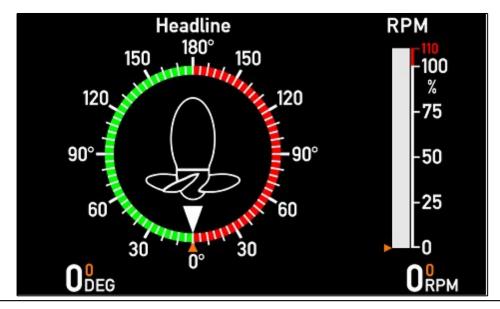
VI Notes:

VI-setu	VI-setup profiles (VS) for VI005				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net		See similar VS profile for VI001	
		Azimuth: XDi-net			
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net			

VI-setu	VI-setup profiles (VS) for VI005				
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDi-net	A	See similar VS profile for VI001	
		Azimuth: TPDO			
		Azimuth set-point: TPDO			
		RPM/RPM%: TPDO			
		RPM/RPM% set-point: TPDO			
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA on all			
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)			
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA on all			

VI-setu	VI-setup profiles (VS) for VI005				
VS No.	Name	Description	Status	Notes	
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2	A	See similar VS profile for VI001	
		Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1)			
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4)			
		AX1 input lost below 3.5mA			
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)			
6	VS06 RTC/RPM	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI001	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA			
		RPM/RPM%: DX1 S2i1: Signal (+term 11, -term10)			
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND.			
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA			
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)			

VI 006 AZI 3 AFT



Description: AZI 3 Pulling AFT

0

Azipull ±180 deg. 0° down with digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout

All with set point

Status:

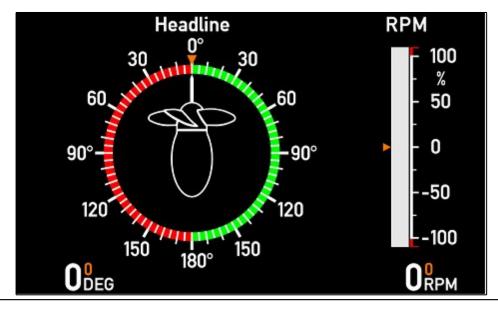
VI Notes:

VI-setu	VI-setup profiles (VS) for VI006				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net	<u> </u>	See similar VS profile for VI001	
		Azimuth: XDi-net			
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net	_		

VI-setu	VI-setup profiles (VS) for VI006				
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDi-net	<u> </u>	See similar VS profile for VI001	
		Azimuth: TPDO			
		Azimuth set-point: TPDO			
		RPM/RPM%: TPDO			
		RPM/RPM% set-point: TPDO			
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA on all	_		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)			
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA on all			

VI-setu	VI-setup profiles (VS) for VI006				
VS No.	Name	Description	Status	Notes	
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1)			
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4)			
		AX1 input lost below 3.5mA			
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)			
6	VS06 RTC/RPM	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI001	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA			
		RPM/RPM%: DX1 S2i1: Signal (+term 11, -term10)			
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND.			
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA			
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)			





Description: AZI 4 Pulling FWD

Azipull ±180 deg. 0°up with digital readout

RPM ±110%

Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes: Bar graph: Positive %RPM is green and negative is red.

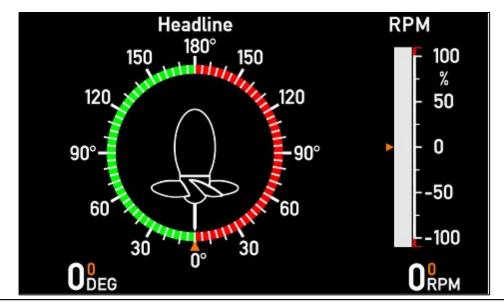
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI007 Name **Description Notes** VS No. **Status** 0 All input data via XDi-net 1 VS01 XDi-net See similar VS profile for VI001 Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net

<u>VI-setu</u>	VI-setup profiles (VS) for VI007				
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDi-net	A	See similar VS profile for VI001	
		Azimuth: TPDO			
		Azimuth set-point: TPDO			
		RPM/RPM%: TPDO			
		RPM/RPM% set-point: TPDO			
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA on all			
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)			
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA on all			

VI-setup profiles (VS) for VI007				
VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2	<u>.</u>	See similar VS profile for VI001
		Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1)		
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4)		
		AX1 input lost below 3.5mA		
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI001
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA		
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7)		
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI001
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND.		
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		





Description: AZI 4 Pulling AFT

Azipull ±180 deg. 0° Down with digital readout

RPM ±110%

Actual RPM Range 0-3000 with digital readout

All with set point

Status:

VI Notes: Bar graph: Positive %RPM is green and negative is red.

Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI008 Name **Description Status Notes** VS No. 0 All input data via XDi-net 1 VS01 XDi-net See similar VS profile for VI001 Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net

VI-setu	VI-setup profiles (VS) for VI008				
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDi-net	A	See similar VS profile for VI001	
		Azimuth: TPDO			
		Azimuth set-point: TPDO			
		RPM/RPM%: TPDO			
		RPM/RPM% set-point: TPDO			
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA on all			
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI001	
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)			
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA on all			

VI-setup profiles (VS) for VI008				
VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2	<u>.</u>	See similar VS profile for VI001
		Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1)		
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4)		
		AX1 input lost below 3.5mA		
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI001
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA		
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7)		
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI001
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND.		
		Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		

VI 009

Reserved 5



Description: Reserved

Reserved for future use

Status:

VI Notes:

VI-setup profiles (VS) for VI009

VI Setup promes (VO) for Vices					
VS No.	Name	Description	Status Notes		
1	Setup	Setup Add description Add description.	<u>.</u>		

VI 010

Reserved 5



Description: Reserved

Reserved for future use

Status:

VI Notes:

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
1	Setup	Setup Add description Add description.		

VI 011 Reserved 6



Description: Reserved

Reserved for future use

Status:

VI Notes:

VI-setup profiles (VS) for VI011

VI SCLUP PICHICS (VO) ICI VICI I					
VS No.	Name	Description	Status Notes		
1	Setup	Setup Add description Add description.	<u>.</u>		

VI 012

Reserved 6



Description: Reserved

Reserved for future use

Status:

VI Notes:

VI-setup profiles (VS) for VI012

11 001	ир рісінсі	<u> </u>	
VS No.	Name	Description	Status Notes
1	Setup	Setup Add description Add description.	

VI 013 **AZI 7 FWD RPM** Headline **PITCH** 100 100 % 75-90° 90° 50-50 25 25 120 ODEG

Description: AZI 7 Pushing FWD

Azimuth ±180 deg. 0°up with digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout Pitch 0..110% with 0...200% digital readout

All with set point

Status:

0

VI-setup profiles (VS) for VI013					
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net		The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.	
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	a	TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu. TPDO input can be scaled from menu. This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used. TPDO input can be disabled to run pure XDi-net.	
3	VS03 CAN/Analog no.1	XDi Pair VS3 + VS4 Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all	•	COBID and input data scaling can be changed from the XDi installation menu. Analogue input type and scaling can be changes from XDi installation menu. This profile can be used in combination whit VS04 in another XDi to get all input needed.	

VI-setup profiles (VS) for VI013				
VS No.	Name	Description	Status	Notes
4	VS04 CAN/Analog no.2	XDi Pair VS3 + VS4 Required: AX1 in Slot 1	<u> </u>	This profile can be used to share RPM/RPM% set-point
		Azimuth: CAN TPDO (RTC)/(XDi-net)		data from analogue input. Analogue input type and
		Azimuth set-point: TPDO/(XDi-net)		scaling can be changes from XDi installation menu.
		RPM/RPM%: TPDO/(XDi-net)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA		
		Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)		
5	VS05 Analogue system	Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 input lost below 3.5mA on all		
6	VS06 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 input lost below 3.5mA		

VI-setu	VI-setup profiles (VS) for VI013				
VS No.	Name	Description	Status	Notes	
7	VS07 RTC/+RPM Pickup	RTC/+RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2	<u>.</u>	See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (XDi-net)			
		AX1 input lost below 3.5mA			
8	VS08 CAN/Analog set	Used with VS05, 06, 07 or 09 Required: AX1 in Slot 1	<u>.</u>	This profile can be used to provide RPM/RPM% and Pitch% setpoint data to other	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net)		XDi's in a CAN system where the main XDi indicator provides the rest of the data. COBID and input data scaling can be changed from the XDi installation menu, if only XDi-net are used TPDO	
		RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point:			
		AX1 S1i1: 4-20mA (+term9, -term8)			
		Pitch%: TPDO/(XDi-net)		can be disabled from menu.	
		Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4)		Analogue input type and scaling can be changed form	
		AX1 input lost below 3.5mA		ADI IIIStaliation menu.	
9	VS09 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2	<u></u>	Default Azi. settings: Azimuth: Voltage input	
		Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V.		(HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de	
		Wiper1: trm.11, Wiper2: +trm.7,-trm.4)		g=(10V,5V)	
		Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2)		Default settings can be changed via XDi menu.	
		RPM/RPM%: AX1 S1i1:		Analogue input type and scaling can be changes from	
		4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		XDi installation menu.	
		Pitch%: AX1 S1i2:		RPM and Pitch Set-point data can be received form an	
		4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA		XDi using VS08	

VI 014 AZI 7 AFT



Description: AZI 7 Pushing AFT

Azimuth ±180 deg. 0°Down w/ digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout Pitch 0..110% with 0...200% digital readout

All with set point

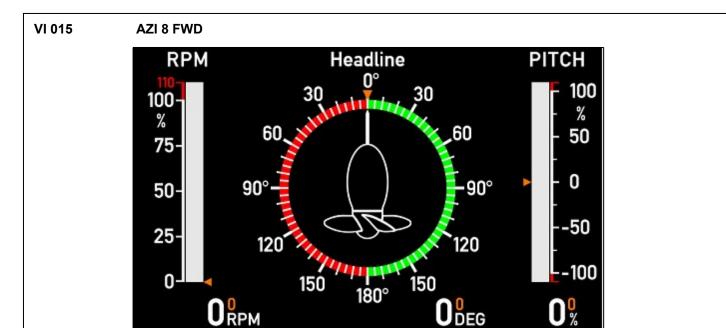
Status:

0

VI-setup profiles (VS) for VI014					
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net	•	The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.	
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	•	TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu. TPDO input can be scaled from menu. This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used. TPDO input can be disabled to run pure XDi-net.	
3	VS03 CAN/Analog no.1	XDi Pair VS3 + VS4 Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all	•	COBID and input data scaling can be changed from the XDi installation menu. Analogue input type and scaling can be changes from XDi installation menu. This profile can be used in combination whit VS04 in another XDi to get all input needed.	

VI-setup profiles (VS) for VI014				
VS No.	Name	Description	Status	Notes
4	VS04 CAN/Analog no.2	XDi Pair VS3 + VS4 Required: AX1 in Slot 1	<u> </u>	This profile can be used to share RPM/RPM% set-point
		Azimuth: CAN TPDO (RTC)/(XDi-net)		data from analogue input. Analogue input type and
		Azimuth set-point: TPDO/(XDi-net)		scaling can be changes from XDi installation menu.
		RPM/RPM%: TPDO/(XDi-net)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA		
		Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)		
5	VS05 Analogue system	Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 input lost below 3.5mA on all		
6	VS06 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 input lost below 3.5mA		

VI-setu	VI-setup profiles (VS) for VI014				
VS No.	Name	Description	Status	Notes	
7	VS07 RTC/+RPM Pickup	RTC/+RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2	<u>.</u>	See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (XDi-net)			
		AX1 input lost below 3.5mA			
8	VS08 CAN/Analog set	Used with VS05, 06, 07 or 09 Required: AX1 in Slot 1	0	This profile can be used to provide RPM/RPM% and Pitch% setpoint data to other	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net)		XDi's in a CAN system where the main XDi indicator provides the rest of the data. COBID and input data scaling can be changed from the XDi installation menu, if only XDi-net are used TPDO	
		RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point:			
		AX1 S1i1: 4-20mA (+term9, -term8)			
		Pitch%: TPDO/(XDi-net)		can be disabled from menu.	
		Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4)		Analogue input type and scaling can be changed form	
		AX1 input lost below 3.5mA		ADI INStaliation menu.	
9	VS09 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2	<u> </u>	Default Azi. settings: Azimuth: Voltage input	
		Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V.		(HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de	
		Wiper1: trm.11, Wiper2: +trm.7,		g=(10V,5V)	
		Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2)		Default settings can be changed via XDi menu.	
		RPM/RPM%: AX1 S1i1:		Analogue input type and scaling can be changes from	
		4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		XDi installation menu.	
		Pitch%: AX1 S1i2:		RPM and Pitch Set-point data can be received form an	
		4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA		XDi using VS08	



Description: AZI 7 Pushing FWD

Azimuth ±180 deg. 0°up with digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout Pitch ±110% with ±200% digital readout

All with set point

Status:

0

VI Notes: Bar graph: Positive %Pitch is green and negative is red.

Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setu	VI-setup profiles (VS) for VI015				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net		See similar VS profile for	
		Azimuth: XDi-net		VI013	
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net			
		Pitch%: XDi-net			
		Pitch% set-point: XDi-net			

VI-setup profiles (VS) for VI015				
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net	<u> </u>	
		Azimuth: TPDO		
		Azimuth set-point: TPDO		
		RPM/RPM%: TPDO		
		RPM/RPM% set-point: TPDO		
		Pitch%: TPDO		
		Pitch% set-point: TPDO		
3	VS03 CAN/Analog no.1	XDi Pair VS3 + VS4 Required: AX1 in Slot 1 and 2	<u> </u>	See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		AX1 input lost below 3.5mA on all		
4	VS04 CAN/Analog no.2	XDi Pair VS3 + VS4 Required: AX1 in Slot 1	<u> </u>	See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: TPDO/(XDi-net)		
		RPM/RPM%: TPDO/(XDi-net)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA		
		Pitch%: TPDO/(XDi-net)		
		Pitch% set-point: TPDO/(XDi-net)		

VI-setup profiles (VS) for VI015				
VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	Analogue system Required: AX1 in Slot 1 and 2	<u> </u>	See similar VS profile for VI013
		Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 input lost below 3.5mA on all		
6	VS06 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 S1 input lost below 3.5mA		
7	VS07 RTC/+RPM Pickup	RTC/+RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net)		
		AX1 S1 input lost below 3.5mA		

VI-setu	VI-setup profiles (VS) for VI015			
VS No.	Name	Description	Status	Notes
8	VS08 CAN/Analog set	Used with VS05, 06, 07 or 09 Required: AX1 in Slot 1		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net)		
		RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4)		
		AX1 S1 input lost below 3.5mA		
9	VS09 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 S1 input lost below 3.5mA		





Description: AZI 7 Pushing AFT

Azimuth ±180 deg. 0°Down w/ digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout Pitch ±110% with ±200% digital readout

All with set point

Status:

0

VI-setup profiles (VS) for VI016

VI Notes: Bar graph: Positive %Pitch is green and negative is red.

Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VS No. Name Description Status Notes 1 VS01 XDi-net All input data via XDi-net See similar VS profile for VI013 Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net

RPM/RPM% set-point: XDi-net

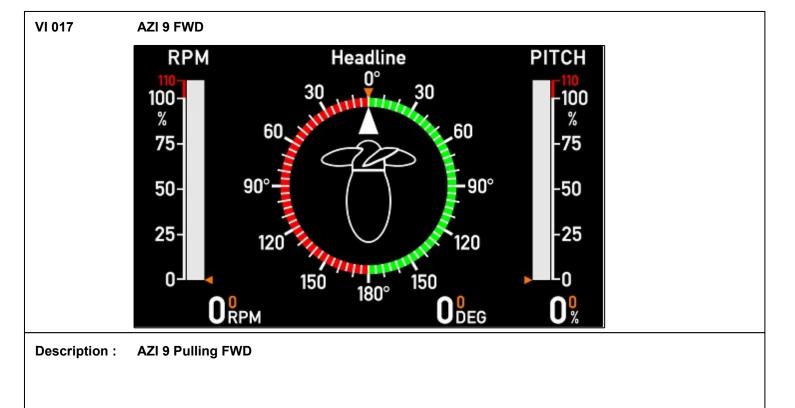
Pitch% set-point: XDi-net

Pitch%: XDi-net

VI-setup profiles (VS) for VI016				
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net	<u> </u>	
		Azimuth: TPDO		
		Azimuth set-point: TPDO		
		RPM/RPM%: TPDO		
		RPM/RPM% set-point: TPDO		
		Pitch%: TPDO		
		Pitch% set-point: TPDO		
3	VS03 CAN/Analog no.1	XDi Pair VS3 + VS4 Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		AX1 input lost below 3.5mA on all		
4	VS04 CAN/Analog no.2	XDi Pair VS3 + VS4 Required: AX1 in Slot 1	$oldsymbol{\Omega}$	See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: TPDO/(XDi-net)		
		RPM/RPM%: TPDO/(XDi-net)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA		
		Pitch%: TPDO/(XDi-net)		
		Pitch% set-point: TPDO/(XDi-net)		

VI-setup profiles (VS) for VI016				
VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 input lost below 3.5mA on all		
6	VS06 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 S1 input lost below 3.5mA		
7	VS07 RTC/+RPM Pickup	RTC/+RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net)		
		AX1 S1 input lost below 3.5mA		

VI-setu	VI-setup profiles (VS) for VI016				
VS No.	Name	Description	Status	Notes	
8	VS08 CAN/Analog set	Used with VS05, 06, 07 or 09 Required: AX1 in Slot 1		See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net)			
		RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		AX1 S1 input lost below 3.5mA			
9	VS09 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI013	
		Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)			
		AX1 S1 input lost below 3.5mA			



Azimuth ±180 deg. 0°up with digital readout RPM 0...110%

Actual RPM Range 0-3000 with digital readout Pitch 0..110% with 0...200% digital readout

All with set point

Status:

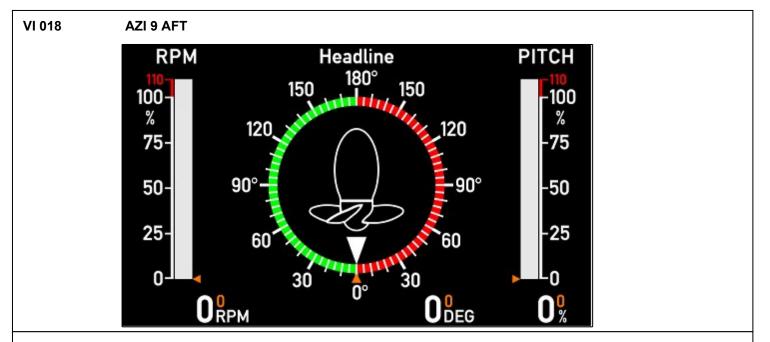
0

VI-setu	VI-setup profiles (VS) for VI017				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net	0	See similar VS profile for VI013	
		Azimuth: XDi-net			
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net			
		Pitch%: XDi-net			
		Pitch% set-point: XDi-net			

VI-setu	VI-setup profiles (VS) for VI017				
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDI-net	a	See similar VS profile for VI013	
		Azimuth: TPDO			
		Azimuth set-point: TPDO			
		RPM/RPM%: TPDO			
		RPM/RPM% set-point: TPDO			
		Pitch%: TPDO			
		Pitch% set-point: TPDO			
3	VS03 CAN/Analog no.1	XDi Pair VS3 + VS4 Required: AX1 in Slot 1 and 2	<u></u>	See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all			
4	VS04 CAN/Analog no.2	XDi Pair VS3 + VS4 Required: AX1 in Slot 1	<u></u>	See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: TPDO/(XDi-net)			
		RPM/RPM%: TPDO/(XDi-net)			
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA			
		Pitch%: TPDO/(XDi-net)			
		Pitch% set-point: TPDO/(XDi-net)			

VI-setup profiles (VS) for VI017				
VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 input lost below 3.5mA on all		
6	VS06 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1)		
		Azimuth set-point: AX1 S2i3: 0-10V (+term2)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 S1 input lost below 3.5mA		
7	VS07 RTC/+RPM Pickup	RTC/+RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net)		
		AX1 S1 input lost below 3.5mA		

VI-setu	VI-setup profiles (VS) for VI017				
VS No.	Name	Description	Status	Notes	
8	VS08 CAN/Analog set	Used with VS05, 06, 07 or 09 Required: AX1 in Slot 1		See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net)			
		RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		AX1 S1 input lost below 3.5mA			
9	VS09 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI013	
		Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)			
		AX1 S1 input lost below 3.5mA			



Description: AZI 9 Pulling AFT

Azimuth ±180 deg. 0°Down w/ digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout Pitch 0..110% with 0...200% digital readout

All with set point

Status:

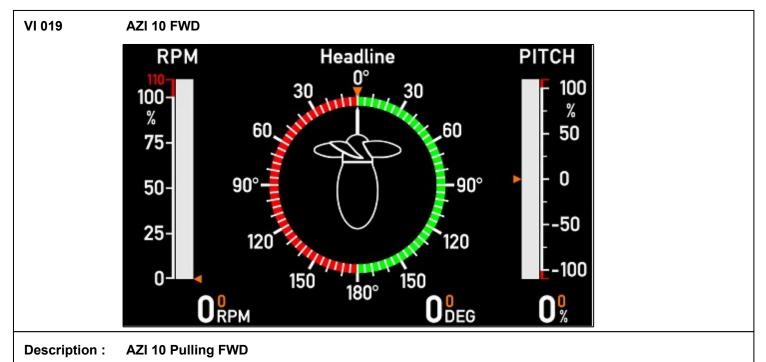
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VI-setu	VI-setup profiles (VS) for VI018				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net		See similar VS profile for	
		Azimuth: XDi-net		VI013	
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net			
		Pitch%: XDi-net			
		Pitch% set-point: XDi-net			

VI-setu	VI-setup profiles (VS) for VI018				
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDI-net	a	See similar VS profile for VI013	
		Azimuth: TPDO			
		Azimuth set-point: TPDO			
		RPM/RPM%: TPDO			
		RPM/RPM% set-point: TPDO			
		Pitch%: TPDO			
		Pitch% set-point: TPDO			
3	VS03 CAN/Analog no.1	XDi Pair VS3 + VS4 Required: AX1 in Slot 1 and 2	<u>.</u>	See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all			
4	VS04 CAN/Analog no.2	XDi Pair VS3 + VS4 Required: AX1 in Slot 1	a	See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: TPDO/(XDi-net)			
		RPM/RPM%: TPDO/(XDi-net)			
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA			
		Pitch%: TPDO/(XDi-net)			
		Pitch% set-point: TPDO/(XDi-net)			

VI-setup profiles (VS) for VI018				
VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 input lost below 3.5mA on all		
6	VS06 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1)		
		Azimuth set-point: AX1 S2i3: 0-10V (+term2)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 S1 input lost below 3.5mA		
7	VS07 RTC/+RPM Pickup	RTC/+RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net)		
		AX1 S1 input lost below 3.5mA		

VI-setu	VI-setup profiles (VS) for VI018				
VS No.	Name	Description	Status	Notes	
8	VS08 CAN/Analog set	Used with VS05, 06, 07 or 09 Required: AX1 in Slot 1		See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net)			
		RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		AX1 S1 input lost below 3.5mA			
9	VS09 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI013	
		Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)			
		AX1 S1 input lost below 3.5mA			



Azimuth ±180 deg. 0°up with digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout Pitch ±110% with ±200% digital readout

All with set point

Status:

0

VI Notes: Bar graph: Positive %Pitch is green and negative is red.

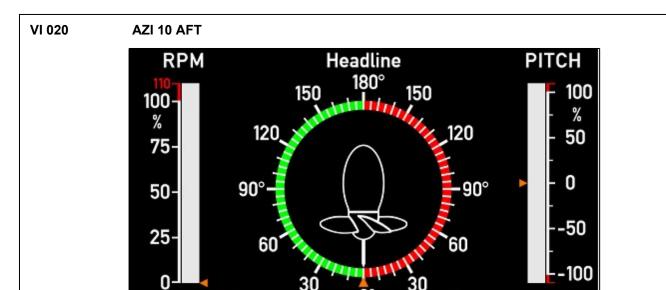
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setu	VI-setup profiles (VS) for VI019					
VS No.	Name	Description	Status	Notes		
1	VS01 XDi-net	All input data via XDi-net	0	See similar VS profile for VI013		
		Azimuth: XDi-net				
		Azimuth set-point: XDi-net				
		RPM/RPM%: XDi-net				
		RPM/RPM% set-point: XDi-net				
		Pitch%: XDi-net				
		Pitch% set-point: XDi-net				

	lame /S02 TPDO	Description	Status	NI 4
2 V	/S02 TPDO		Otatas	Notes
	1002 II DO	All input data via TPDO or XDi-net		See similar VS profile for VI013
		Azimuth: TPDO		
		Azimuth set-point: TPDO		
		RPM/RPM%: TPDO		
		RPM/RPM% set-point: TPDO		
		Pitch%: TPDO		
		Pitch% set-point: TPDO		
	/S03 CAN/Analog lo.1	XDi Pair VS3 + VS4 Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		Input lost below 3.5mA		
	/S04 CAN/Analog lo.2	XDi Pair VS3 + VS4 Required: AX1 in Slot 1		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: TPDO/(XDi-net)		
		RPM/RPM%: TPDO/(XDi-net)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA		
		Pitch%: TPDO/(XDi-net)		
		Pitch% set-point: TPDO/(XDi-net)		

VI-setup profiles (VS) for VI019					
VS No.	Name	Description	Status	Notes	
5	VS05 Analogue system	Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI013	
		Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)			
		Input lost below 3.5mA			
6	VS06 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI013	
		Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)			
		AX1 S1 input lost below 3.5mA			
7	VS07 RTC/+RPM Pickup	RTC/+RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM%: DX1 S2i1: Signal (+term11, -term10) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net)			
		AX1 S1 input lost below 3.5mA			

VI-setu	VI-setup profiles (VS) for VI019				
VS No.	Name	Description	Status	Notes	
8	VS08 CAN/Analog set	Used with VS05, 06, 07 or 09 Required: AX1 in Slot 1		See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net)			
		RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		AX1 S1 input lost below 3.5mA			
9	VS09 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI013	
		Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)			
		AX1 S1 input lost below 3.5mA			



Description: AZI 10 Pulling AFT

Azimuth ±180 deg. 0°Down w/ digital readout

RPM 0...110%

Actual RPM Range 0-3000 with digital readout Pitch ±110% with ±200% digital readout

All with set point

Status:

VI Notes: Bar graph: Positive %Pitch is green and negative is red.

Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

ODEG

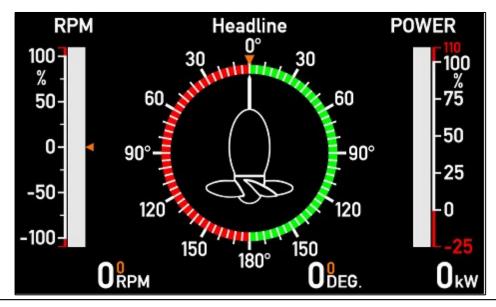
VI-setup profiles (VS) for VI020 VS No. Name **Description Status Notes** All input data via XDi-net Ω VS01 XDi-net 1 See similar VS profile for VI013 Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net

	lame /S02 TPDO	Description	Status	
2 V\$	/SUS TDDO		Status	Notes
	7302 IF DO	All input data via TPDO or XDi-net	<u> </u>	See similar VS profile for VI013
		Azimuth: TPDO		
		Azimuth set-point: TPDO		
		RPM/RPM%: TPDO		
		RPM/RPM% set-point: TPDO		
		Pitch%: TPDO		
		Pitch% set-point: TPDO		
	/S03 CAN/Analog lo.1	XDi Pair VS3 + VS4 Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)		
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		Input lost below 3.5mA		
	/S04 CAN/Analog lo.2	XDi Pair VS3 + VS4 Required: AX1 in Slot 1		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net)		
		Azimuth set-point: TPDO/(XDi-net)		
		RPM/RPM%: TPDO/(XDi-net)		
		RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA		
		Pitch%: TPDO/(XDi-net)		
		Pitch% set-point: TPDO/(XDi-net)		

VI-setup profiles (VS) for VI020					
VS No.	Name	Description	Status	Notes	
5	VS05 Analogue system	Analogue system Required: AX1 in Slot 1 and 2		See similar VS profile for VI013	
		Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)			
		Input lost below 3.5mA			
6	VS06 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2		See similar VS profile for VI013	
		Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)			
		AX1 S1 input lost below 3.5mA			
7	VS07 RTC/+RPM Pickup	RTC/+RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See similar VS profile for VI013	
		Azimuth: CAN TPDO (RTC)/(XDi-net)			
		Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8)			
		RPM/RPM%: DX1 S2i1: Signal (+term11, -term10) RPM/RPM% set-point: TPDO/(XDi-net)			
		Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net)			
		AX1 S1 input lost below 3.5mA			

VI-setup profiles (VS) for VI020				
VS No.	Name	Description	Status	Notes
8	VS08 CAN/Analog set	Used with VS05, 06, 07 or 09 Required: AX1 in Slot 1		See similar VS profile for VI013
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net)		
		RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8)		
		Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4)		
		AX1 S1 input lost below 3.5mA		
9	VS09 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See similar VS profile for VI013
		Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net)		
		AX1 S1 input lost below 3.5mA		





Description: AZI 11 Pushing FWD

+/-RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout

RPM ±110%

RPM digital readout max. +/-3275

Power -25 to +110% and digital +/- 9999 kW

With set point for Azi and RPM

Status:

VI Notes:

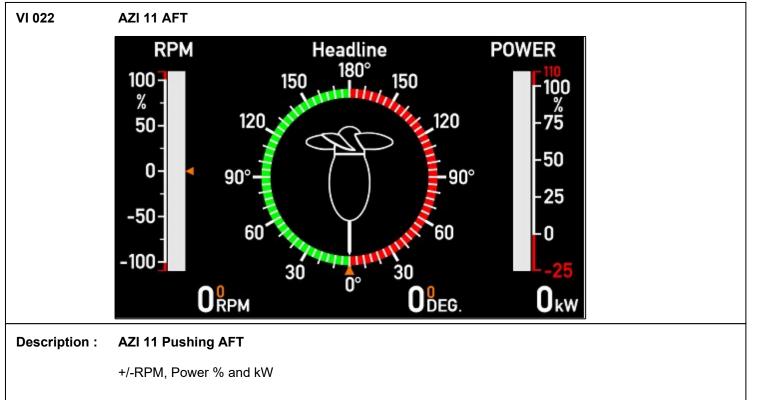
VI-setup profiles (VS) for VI021

VI-setup profiles (VS) for VIU21				
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	All input data via XDi-net		The XDi-net profile is used
		Azimuth: XDi-net		when the indicator is a repeater, receiving data from another XDi unit
		Azimuth set-point: XDi-net		or from a CAN controller providing data in XDi-net
		RPM/RPM%: XDi-net		format. Please note that TPDO's or
		RPM/RPM% set-point: XDi-net		RPDO's are not retransmitted in XDi-net
		kW/Power%: XDi-net		format, but are used directly by all indicators
		NMEA out if a NX1 NMEA module is connected		(e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.

VI-setu	VI-setup profiles (VS) for VI021					
VS No.	Name	Description	Status	Notes		
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 kW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint (0x1A1): -1799 =-179.9(PS), 0 = 0, 1800 = 180.0(SB) RPM (0x183): -11000 =1100.0rpm, 0=0rpm, 11000=1100.0rpm RPM% (0x183): -100%=-1000rpm, +100%=+1000rpm Set-point RPM/RPM% (0x2A1) same scaling as RPM/RPM% PWR(kW) (0x18C): -1000=-1000kW, 0=0kW, 1000=1000kW PWR% (0x185):-1100=-110.0%,		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Input lost below 3.5mA	•	0=0%, 1100=110.0% Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW		

VI-setu	VI-setup profiles (VS) for VI021					
VS No.	Name	Description	Status	Notes		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm RPM/RPM% Set-point: 0V=-1100.0rpm, 5V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW		
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct and change input lost values) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators		

VI-set	up profiles (VS) fo	<u>r VI021</u>		
VS No.	Name	Description	Status	Notes
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7 Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de g=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators



Azimuth ±180 deg. 0°up with digital readout RPM ±110%

RPM digital readout max. +/-3275

Power -25 to +110% and digital +/- 9999 kW

With set point for Azi and RPM

Status :

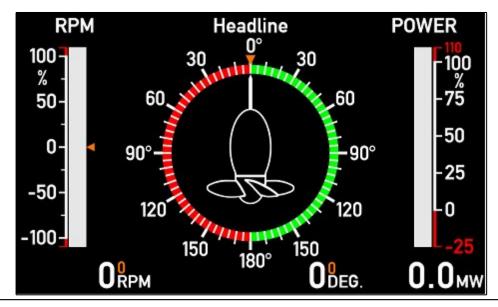
VI-setu	VI-setup profiles (VS) for VI022				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net	<u></u>	See the VS-note for the	
		Azimuth: XDi-net		FWD type indicator VI021	
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net			
		kW/Power%: XDi-net			
		NMEA out if a NX1 NMEA module is connected			

VI-setup profiles (VS) for VI022				
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net		See the VS-note for the FWD type indicator VI021
		Azimuth: TPDO 0x181 (RTC, 16b signed)		
		Azimuth set-point: TPDO 0x1A1		
		RPM/RPM%: TPDO 0x183		
		RPM/RPM% set-point: TPDO 0x2A1		
		Power%: TPDO 0x185 kW: TPDO 0x18C		
		NMEA out if a NX1 NMEA module is connected		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0,
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point:		0xC000=-90.0(PS),
		AX1 S1i2: 4-20mA (+term5, -term4)		0x0000=0, 0x4000=90.0(SB),
		RPM/RPM%:		0x7FFF=180.0 Azi-setpoint: The same as
		AX1 S1i1: 4-20mA (+term9, -term8)		Azimuth input.
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		RPM: 4mA=-1100rpm, 12mA=0rpm,
		kW/Power%:		20mA=1100rpm RPM%: -100%=-1000rpm,
		AX1 S2i2: 4-20mA (+term5, -term4)		+100%=+1000rpm Setpoint RPM/RPM% same
		Input lost below 3.5mA		scaling as RPM/RPM% PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW,
				100.0%=1000kW
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0,
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4)		16mA=90.0(SB),
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)		20mA=180.0
		4-20mA (Termo, Terma)		Azi-setpoint: The same as Azimuth input.
		RPM/RPM%:		RPM: 4mA=-1100rpm,
		AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point:		12mA=0rpm, 20mA=1100rpm
		AX1 S2i3: 0-10V (+term2, -term.0)		RPM%: -100%=-1000rpm, +100%=+1000rpm
		kW/Power%		RPM/RPM% Set-point:
		AX1 S2i1: 4-20mA (+term9, -term8)		0V=-1100.0rpm, 5V=0rpm, 10V=1100.0RPM
		AX1 input lost below 3.5mA		PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW,
				100.0%=1000kW

VI-setu	up profiles (VS) fo	or VI022		
VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct and change input lost values) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setu	VI-setup profiles (VS) for VI022				
VS No.	Name	Description	Status	Notes	
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7 Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de g=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators	





Description: AZI 12 Pushing FWD

+/-RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout

RPM ±110%

RPM digital readout max. +/-3275

Power -25 to +110% and digital +/- 999.9 MW

With set point for Azi and RPM

Status:

VI Notes:

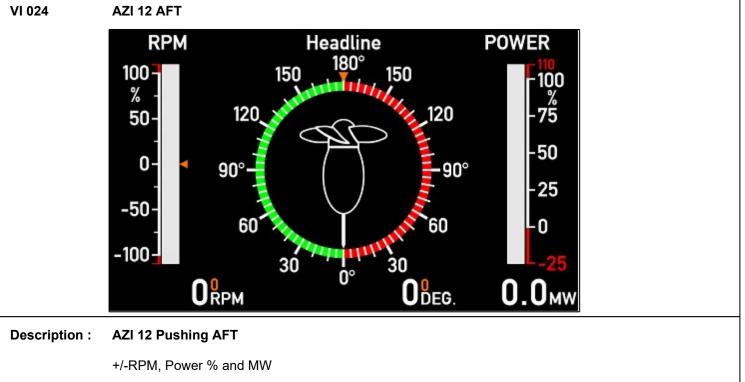
VI-setup profiles (VS) for VI023

11 0000	vi-setup profiles (v3) for vioza				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net		The XDi-net profile is used	
		Azimuth: XDi-net		when the indicator is a repeater, receiving data from another XDi unit or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net	
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net			
		MW/Power%: XDi-net		format, but are used directly by all indicators	
		NMEA out if a NX1 NMEA module is connected		(e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.	

VI-setu	up profiles (VS) for	r VI023		
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183	•	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint (0x1A1): -1799
		RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 MW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected		=-179.9(PS), 0 = 0, 1800 = 180.0(SB) RPM (0x183): -11000 =1100.0rpm, 0=0rpm, 11000=1100.0rpm RPM% (0x183): -100%=-1000rpm, +100%=+1000rpm Set-point RPM/RPM% (0x2A1) same scaling as RPM/RPM% PWR(MW) (0x18C): -1000=-100.0MW, 0=0kW, 1000=100.0MW PWR% (0x185):-1100=-110.0%, 0=0%, 1100=110.0%
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA	•	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW

VI-setu	up profiles (VS) f	or VI023		
VS No.	Name	Description	Status	Notes
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm RPM/RPM% Set-point: 0V=-1100.0rpm, 5V=0rpm, 10V=1100.0RPM PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-set	up profiles (VS) fo	r VI023		
VS No.	Name	Description	Status	Notes
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible	<u>.</u>	Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de g=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators



Azimuth ±180 deg. 0°up with digital readout

RPM ±110%

RPM digital readout max. +/-3275

Power -25 to +110% and digital +/- 999.9 MW

With set point for Azi and RPM

Status:

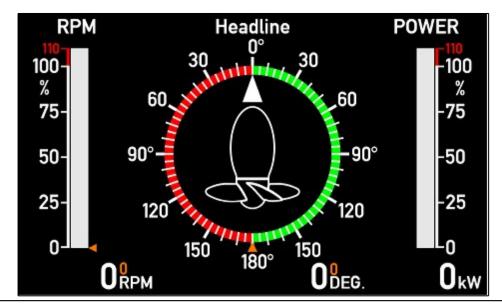
VI-setu	VI-setup profiles (VS) for VI024				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net			
		Azimuth: XDi-net			
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net			
		MW/Power%: XDi-net			
		NMEA out if a NX1 NMEA module is connected			

VI-setu	up profiles (VS) for	r VI024		
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net	A	
		Azimuth: TPDO 0x181 (RTC, 16b signed)		
		Azimuth set-point: TPDO 0x1A1		
		RPM/RPM%: TPDO 0x183		
		RPM/RPM% set-point: TPDO 0x2A1		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm RPM/RPM% Set-point: 0V=-1100.0rpm, 5V=0rpm, 10V=1100.0RPM PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW,
		Power%: TPDO 0x185 MW: TPDO 0x18C		
		NMEA out if a NX1 NMEA module is connected		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		Azimuth (0x181): Encoder
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point:		0xC000=-90.0(PS), 0x0000=0,
		AX1 S1i2: 4-20mA (+term5, -term4)		0x7FFF=180.0
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		•
		MW/Power%:		
		AX1 S2i2: 4-20mA (+term5, -term4)		+100%=+1000rpm
		AX1 input lost below 3.5mA		scaling as RPM/RPM% PWR(MW): 4mA=-25.0MW,
				•
4	VS04 Analogue	S04 Analogue Full Analogue system Required: AX1 in Slot 1 and 2	A	Azimuth 4mA=-180.0,
		Azimuth: AX1 S1i2:		
		4-20mA (+term5, -term4)		
		Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)		Azimuth input.
		RPM/RPM%:		
		AX1 S1i1: 4-20mA (+term9, -term8)		
		RPM/RPM% set-point:		RPM%: -100 [.] %=-1000rpm,
		AX1 S2i3: 0-10V (+term2, -term.0)		•
		MW/Power% AX1 S2i1: 4-20mA (+term9, -term8)		0V=-1100.0rpm, 5V=0rpm,
		AX1 input lost below 3.5mA		PWR(MW): 4mA=-25.0MW, 20mA=110.0MW
				100.0%=100.0MW

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2	A	Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage
		Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO		input max.+/-30V (remember to set input offset correct) RPM: 4mA=-1100rpm,
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO		12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm
		MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8)		PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW
		AX1 input lost below 3.5mA Set-points are default OFF/Invisible		All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or
		Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO		XDi-net 0x3001-02. RPM: RPM pickup bi
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7)		directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: -100%=-1000rpm,
		RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8)		+100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW,
		AX1 input lost below 3.5mA		100.0%=100.0MW All SET-POINTS (CAN) are
	Set-points are default OFF/Invisible		default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A ² Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via	
				INSTALLATION menu: Edit virtual indicator/Indicators

VI-setu	VI-setup profiles (VS) for VI024			
VS No.	Name	Description	Status	Notes
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators





Description: AZI 13 Pushing FWD

RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout RPM 0-110% and digital RPM 0 to max. 3275

Power 0 to +110%

and digital 0 to max. 9999 kW With set point for Azi and RPM

Status:

VI Notes:

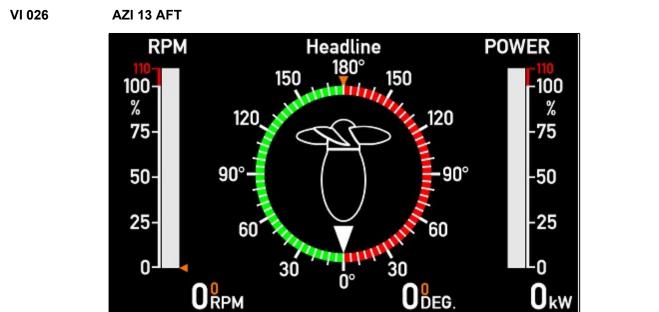
ii.

VI-set	VI-setup profiles (VS) for VI025				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net Set-points are default OFF/Invisible! Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net kW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		The XDi-net profile is used when the indicator is a repeater, receiving data from another XDi unit or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used. Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators	
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 kW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint (0x1A1): -1799 =-179.9(PS), 0 = 0, 1800 = 180.0(SB) RPM (0x183): 11000=1100.0rpm RPM% (0x183): 100%=1100rpm Set-point RPM/RPM% (0x2A1) same scaling as RPM/RPM% PWR(kW) (0x18C): 0=0kW, 1000=1000kW PWR% (0x185):0=0%, 1100=110.0% Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators	

VI-setu	VI-setup profiles (VS) for VI025			
VS No.	Name	Description	Status	Notes
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: +100%=+1100rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=1100rpm RPM/RPM% Set-point: 0V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setu	VI-setup profiles (VS) for VI025			
VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	•	Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/DX/AX	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	•	Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: 0%=0rpm, 100%=1100rpm PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setu	VI-setup profiles (VS) for VI025				
VS No.	Name	Description	Status	Notes	
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7,-trm.4) Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	•	Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de g=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators	



Description: AZI 13 Pushing AFT

RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout RPM 0-110% and digital RPM 0 to max. 3275

Power 0 to +110%

and digital 0 to max. 9999 kW With set point for Azi and RPM

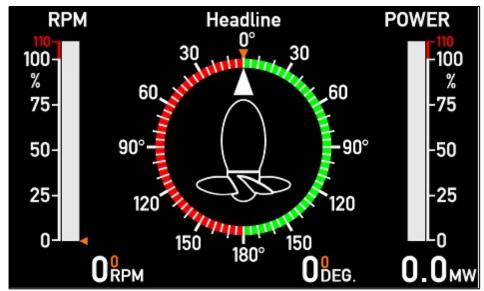
Status:

VI-setu	VI-setup profiles (VS) for VI026				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net Set-points are default OFF/Invisible!	A	Please see note for the similar VS in the forward	
		Azimuth: XDi-net Azimuth set-point: XDi-net		version	
		RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net			
		kW/Power%: XDi-net			
		NMEA out if a NX1 NMEA module is connected			

VI-setup profiles (VS) for VI026				
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net		Please see note for the similar VS in the forward
	Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1		version	
		RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1		
		Power%: TPDO 0x185 kW: TPDO 0x18C		
		NMEA out if a NX1 NMEA module is connected		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		Please see note for the similar VS in the forward version
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1300 kW (0-100%)		VEISION
		Input lost if below 3.5mA		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%)	•	Please see note for the similar VS in the forward version
		Input lost if below 3.5mA		

VI-setu	up profiles (VS) fo	or VI026		
VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%)	a	Please see note for the similar VS in the forward version
	VCCC DTC/DV/AV	Input lost if below 3.5mA	0	Diagram and for the
6	VS06 RTC/DX/AX	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO	•	Please see note for the similar VS in the forward version
		RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO		
		kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7,-trm.4) Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de g=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators





Description: AZI 14 Pushing FWD

RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout RPM 0-110% and digital RPM 0 to max. 3275

Power 0 to +110%

and digital 0 to max. 999.9 MW With set point for Azi and RPM

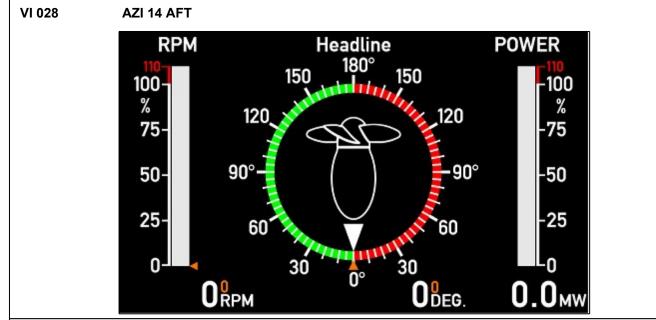
Status:

VI-setu	VI-setup profiles (VS) for VI027			
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	All input data via XDi-net Set-points are default OFF/Invisible! Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net MW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		The XDi-net profile is used when the indicator is a repeater, receiving data from another XDi unit or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used. Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 MW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint (0x1A1): -1799 =-179.9(PS), 0 = 0, 1800 = 180.0(SB) RPM (0x183): 11000=1100.0rpm RPM% (0x183): 100%=1100rpm Set-point RPM/RPM% (0x2A1) same scaling as RPM/RPM% PWR(kW) (0x18C): 0=0.0MW, 100=10.0MW PWR% (0x185):0=0%, 1100=110.0% Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setu	VI-setup profiles (VS) for VI027			
VS No.	Name	Description	Status	Notes
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: +100%=+1100rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0kW, 100.0%=13.0MW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=1100rpm RPM/RPM% Set-point: 0V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setu	up profiles (VS) fo	or VI027		
VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/DX/AX	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	•	Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: 0%=0rpm, 100%=1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setu	VI-setup profiles (VS) for VI027				
VS No.	Name	Description	Status	Notes	
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MVV/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de g=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators	



Description: AZI 14 Pushing AFT

RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout RPM 0-110% and digital RPM 0 to max. 3275

Power 0 to +110%

and digital 0 to max. 999.9 MW With set point for Azi and RPM

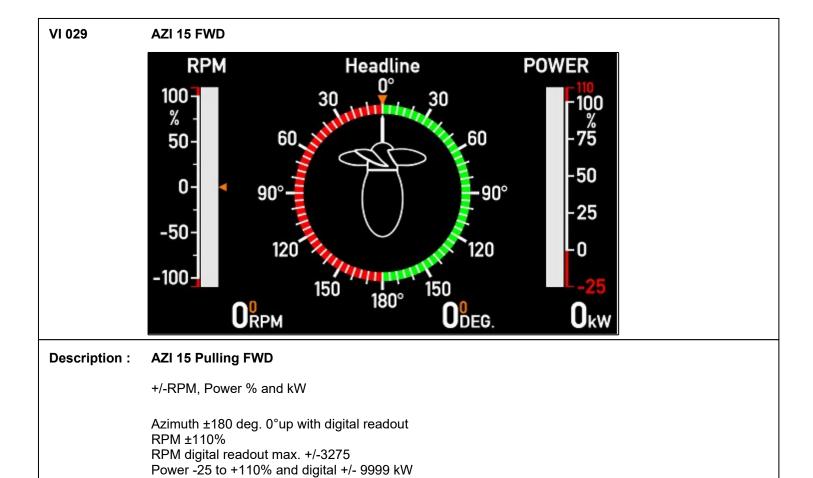
Status:

VI-setup profiles (VS) for VI028						
VS No.	Name	Description	Status	Notes		
1	VS01 XDi-net	All input data via XDi-net Set-points are default OFF/Invisible!		Please see note for the similar VS in the forward		
		Azimuth: XDi-net Azimuth set-point: XDi-net		version		
		RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net				
		MW/Power%: XDi-net				
		NMEA out if a NX1 NMEA module is connected				

VI-setu	VI-setup profiles (VS) for VI028					
VS No.	Name	Description	Status	Notes		
2	VS02 TPDO	All input data via TPDO or XDi-net		Please see note for the similar VS in the forward version		
		Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1				
		RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1				
		Power%: TPDO 0x185 MW: TPDO 0x18C				
		NMEA out if a NX1 NMEA module is connected				
3	VS03 CAN/Analogue	Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net)	<u>.</u>	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS),		
		Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2ii1: 4-20mA (+term9, -term8)		0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: +100%=+1100rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=0MW,		
		AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-13.0 MW (0-100%)				
		AX1 input lost below 3.5mA		20mA=13.0MW PWR%: 0%=0kW, 100.0%=13.0MW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		virtual indicator/Indicators Default settings: Azimuth 4mA=-180.0,		
		Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)		8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%)				
		RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8)		RPM%: 100%=1100rpm RPM/RPM% Set-point: 0V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=0MW,		
		Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW		
				Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators		

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/DX/AX	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	•	Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: 0%=0rpm, 100%=1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setu	VI-setup profiles (VS) for VI028					
VS No.	Name	Description	Status	Notes		
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180de g=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators		



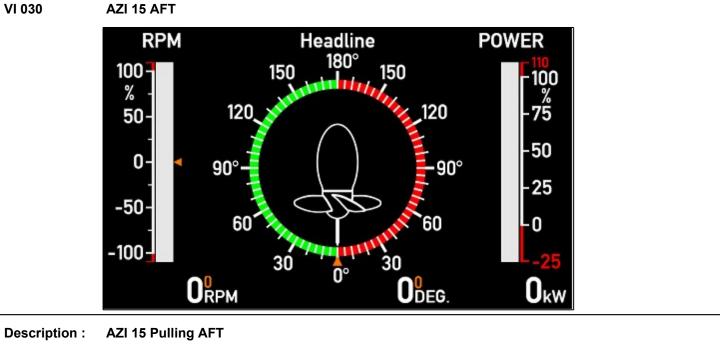
VI-setu	VI-setup profiles (VS) for VI029					
VS No.	Name	Description	Status	Notes		
1	VS01 XDi-net	All input data via XDi-net		See VS notes in VI021		
		Azimuth: XDi-net				
		Azimuth set-point: XDi-net				
		RPM/RPM%: XDi-net				
		RPM/RPM% set-point: XDi-net				
		kW/Power%: XDi-net				
		NMEA out if a NX1 NMEA module is connected				

With set point for Azi and RPM

Status : VI Notes :

VI-setup profiles (VS) for VI029					
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDi-net	A	See VS notes in VI021	
		Azimuth: TPDO 0x181 (RTC, 16b signed)			
		Azimuth set-point: TPDO 0x1A1			
		RPM/RPM%: TPDO 0x183			
		RPM/RPM% set-point: TPDO 0x2A1			
		Power%: TPDO 0x185 kW: TPDO 0x18C			
		NMEA out if a NX1 NMEA module is connected			
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		See VS notes in VI021	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4)			
		Input lost below 3.5mA			
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		See VS notes in VI021	
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0)			
		kW/Power% AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA			

VI-setup profiles (VS) for VI029					
VS No.	Name	Description	Status	Notes	
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2	<u> </u>	See VS notes in VI021	
		Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO			
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO			
		kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8)			
		Input lost below 3.5mA Set-points are default OFF/Invisible			
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See VS notes in VI021	
		Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO			
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO			
		kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA			
		Set-points are default OFF/Invisible			
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See VS notes in VI021	
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7 Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO			
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA			
		Set-points are default OFF/Invisible			



+/-RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout

RPM ±110%

RPM digital readout max. +/-3275

Power -25 to +110% and digital +/- 9999 kW

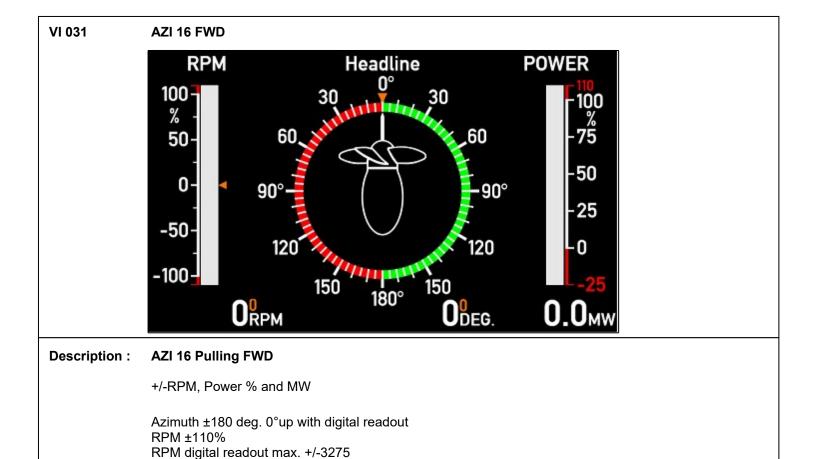
With set point for Azi and RPM

Status:

VI-setu	VI-setup profiles (VS) for VI030					
VS No.	Name	Description	Status	Notes		
1	VS01 XDi-net	All input data via XDi-net	0	All VS notes ar the same as		
		Azimuth: XDi-net		for VI021		
		Azimuth set-point: XDi-net				
		RPM/RPM%: XDi-net				
		RPM/RPM% set-point: XDi-net				
		kW/Power%: XDi-net				
		NMEA out if a NX1 NMEA module is connected				

VI-setup profiles (VS) for VI030					
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDi-net	<u></u>		
		Azimuth: TPDO 0x181 (RTC, 16b signed)			
		Azimuth set-point: TPDO 0x1A1			
		RPM/RPM%: TPDO 0x183			
		RPM/RPM% set-point: TPDO 0x2A1			
		Power%: TPDO 0x185 kW: TPDO 0x18C			
		NMEA out if a NX1 NMEA module is connected			
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2			
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4)			
		Input lost below 3.5mA			
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2			
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0)			
		kW/Power% AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA			

VI-setu	VI-setup profiles (VS) for VI030					
VS No.	Name	Description	Status	Notes		
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2	<u> </u>			
		Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO				
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO				
		kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8)				
		Input lost below 3.5mA Set-points are default OFF/Invisible				
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2				
		Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO				
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO				
		kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA				
		Set-points are default OFF/Invisible				
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2				
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7 Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO				
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible				



VI Notes:

Power -25 to +110% and digital +/- 999.9 MW

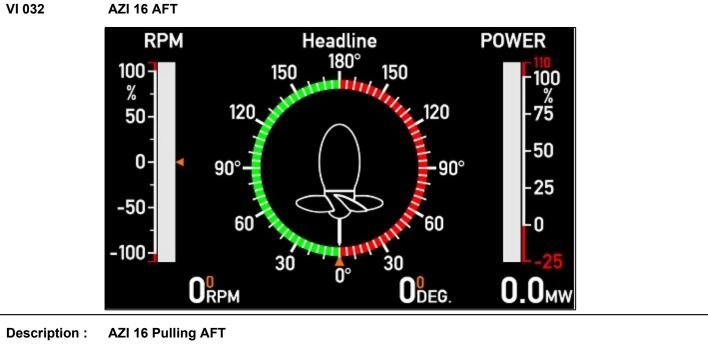
With set point for Azi and RPM

Status:

VI-setu	VI-setup profiles (VS) for VI031					
VS No.	Name	Description	Status	Notes		
1	VS01 XDi-net	All input data via XDi-net		See VS notes in VI023		
		Azimuth: XDi-net				
		Azimuth set-point: XDi-net				
		RPM/RPM%: XDi-net				
		RPM/RPM% set-point: XDi-net				
		MW/Power%: XDi-net				
		NMEA out if a NX1 NMEA module is connected				

VI-setu	VI-setup profiles (VS) for VI031				
VS No.	Name	Description	Status	Notes	
2	VS02 TPDO	All input data via TPDO or XDi-net	<u></u>	See VS notes in VI023	
		Azimuth: TPDO 0x181 (RTC, 16b signed)			
		Azimuth set-point: TPDO 0x1A1			
		RPM/RPM%: TPDO 0x183			
		RPM/RPM% set-point: TPDO 0x2A1			
		Power%: TPDO 0x185 MW: TPDO 0x18C			
		NMEA out if a NX1 NMEA module is connected			
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		See VS notes in VI023	
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)			
		MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4)			
		AX1 input lost below 3.5mA			
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		See VS notes in VI023	
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)			
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA			

VI-setu	VI-setup profiles (VS) for VI031				
VS No.	Name	Description	Status	Notes	
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2	0	See VS notes in VI023	
		Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO			
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO			
		MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA Set-points are default OFF/Invisible			
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2		See VS notes in VI023	
		Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO			
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO			
		MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA			
		Set-points are default OFF/Invisible			
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2		See VS notes in VI023	
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO			
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA			
		Set-points are default OFF/Invisible			



+/-RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout

RPM ±110%

RPM digital readout max. +/-3275

Power -25 to +110% and digital +/- 999.9 MW

With set point for Azi and RPM

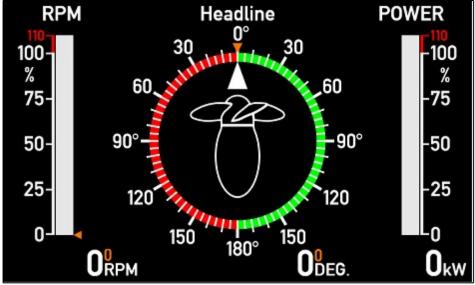
Status:

VI-setu	VI-setup profiles (VS) for VI032				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net	A	See all VS notes in the FWD	
		Azimuth: XDi-net		version VI031.	
		Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net			
		RPM/RPM% set-point: XDi-net			
		MW/Power%: XDi-net			
		NMEA out if a NX1 NMEA module is connected			

VI-setu	ıp profiles (VS) foı	r VI032		
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net	<u>.</u>	
		Azimuth: TPDO 0x181 (RTC, 16b signed)		
		Azimuth set-point: TPDO 0x1A1		
		RPM/RPM%: TPDO 0x183		
		RPM/RPM% set-point: TPDO 0x2A1		
		Power%: TPDO 0x185 MW: TPDO 0x18C		
		NMEA out if a NX1 NMEA module is connected		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8)		
		MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4)		
		AX1 input lost below 3.5mA		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2		
		Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4)		
		RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8)		
		AX1 input lost below 3.5mA		

VI-setu	VI-setup profiles (VS) for VI032				
VS No.	Name	Description	Status	Notes	
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2			
		Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO			
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO			
		MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8)			
		AX1 input lost below 3.5mA Set-points are default OFF/Invisible			
6	VS06 RTC/±RPM	RTC/±RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2			
		Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO			
		RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO			
		MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA			
		Set-points are default OFF/Invisible			
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2			
		Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO			
		RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible			





Description: AZI 17 Pulling FWD

RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout RPM 0-110% and digital RPM 0 to max. 3275

Power 0 to +110%

and digital 0 to max. 9999 kW With set point for Azi and RPM

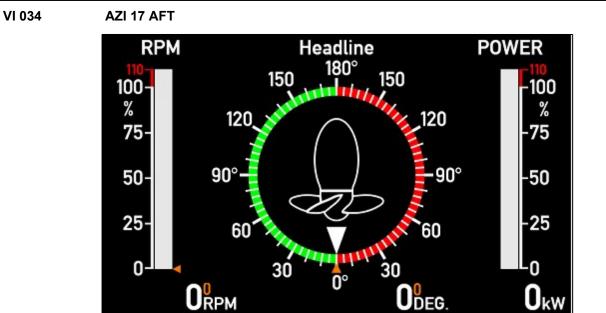
Status:

VI-setup	profiles	(VS)) for	VI03	<u>33</u>
	•				
				_	

VI-setu	<u>up profiles (VS) fo</u>	or VI033		
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	All input data via XDi-net Set-points are default OFF/Invisible!		Set-points can be set ON via INSTALLATION menu: Edit
		Azimuth: XDi-net Azimuth set-point: XDi-net		virtual indicator/Indicators See also VS notes in VI025
		RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		
		kW/Power%: XDi-net		
		NMEA out if a NX1 NMEA module is connected		

VI-setu	VI-setup profiles (VS) for VI033			
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net	a	See VS notes in VI025
		Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1		
		RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1		
		Power%: TPDO 0x185 kW: TPDO 0x18C		
		NMEA out if a NX1 NMEA module is connected		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1300 kW (0-100%)		See VS notes in VI025
4	VS04 Analogue	Input lost if below 3.5mA Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	•	See VS notes in VI025

VI-setu	VI-setup profiles (VS) for VI033			
VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%)	•	See VS notes in VI025
6	VS06 RTC/DX/AX	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		See VS notes in VI025
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7,-trm.4) Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	•	See VS notes in VI025



Description: AZI 17 Pulling AFT

RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout RPM 0-110% and digital RPM 0 to max. 3275

Power 0 to +110%

and digital 0 to max. 9999 kW With set point for Azi and RPM

Status:

VI-setu	VI-setup profiles (VS) for VI034				
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net Set-points are default OFF/Invisible!		See all VS notes in the FWD version VI033.	
		Azimuth: XDi-net Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net			
		kW/Power%: XDi-net			
		NMEA out if a NX1 NMEA module is connected			

Name VS02 TPDO	Description All input data via TPDO or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1	Status	Notes
VS02 TPDO	or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183	A	
	Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183		
	Power%: TPDO 0x185 kW: TPDO 0x18C		
	NMEA out if a NX1 NMEA module is connected		
VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		
	Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1300 kW (0-100%)		
VS04 Analogue	Input lost if below 3.5mA Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%)		
		kW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected VS03 CAN/Analogue CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1300 kW (0-100%) Input lost if below 3.5mA VS04 Analogue Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8)	kW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term4) Default 0-1300 kW (0-100%) Input lost if below 3.5mA Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%)

VI-setu	VI-setup profiles (VS) for VI034				
VS No.	Name	Description	Status	Notes	
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%)	•		
6	VS06 RTC/DX/AX	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	•		
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7,-trm.4) Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	•		



25

 $\mathbf{0}^{\mathsf{U}}_{\mathsf{DEG}}$

Description: AZI 18 Pulling FWD

25

RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout RPM 0-110% and digital RPM 0 to max. 3275

Power 0 to +110%

and digital 0 to max. 999.9 MW With set point for Azi and RPM

ORPM

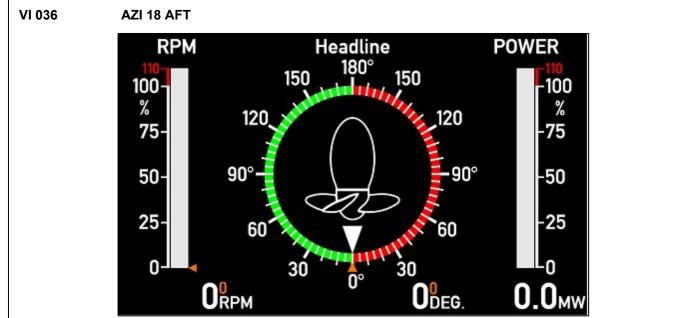
Status:

VI Notes:

VI-setup profiles (VS) for VI035 VS No. Name **Description Status Notes** All input data via XDi-net 0 1 VS01 XDi-net Set-points can be set ON via Set-points are default OFF/Invisible! INSTALLATION menu: Edit virtual indicator/Indicators Azimuth: XDi-net See also VS notes in VI027 Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net MW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected

VI-setup profiles (VS) for VI035 VS No. Name Description Status Notes				
Name	Description	Status	Notes	
VS02 TPDO	All input data via TPDO or XDi-net		See VS notes in VI027	
	Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1			
	RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1			
	Power%: TPDO 0x185 MW: TPDO 0x18C			
	NMEA out if a NX1 NMEA module is connected			
VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		See VS notes in VI027	
	Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-13.0 MW (0-100%)			
VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%)	•	See VS notes in VI027	
	Name VS02 TPDO VS03 CAN/Analogue	VS02 TPDO All input data via TPDO or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 MW: TPDO 0x186 NMEA out if a NX1 NMEA module is connected VS03 CAN/Analogue CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA VS04 Analogue Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8)	VS02 TPDO All input data via TPDO or XDI-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 MW: TPDO 0x185 MW: TPDO 0x186 NMEA out if a NX1 NMEA module is connected VS03 CAN/Analogue CAN/Analogue system Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDI-net) Azimuth set-point: AX1 S112: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S112: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S212: 4-20mA (+term5, -term4) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA VS04 Analogue Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S112: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S212: 4-20mA (+term5, -term4) Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S112: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S212: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S111: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S213: 0-10V (+term9, -term.0) MW/Power% AX1 S213: 0-10V (+term9, -term.0) MW/Power% AX1 S213: 4-20mA (+term9, -term8)	

VI-setup profiles (VS) for VI035					
VS No.	Name	Description	Status	Notes	
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%)	<u>.</u>	See VS notes in VI027	
6	VS06 RTC/DX/AX	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	<u>.</u>	See VS notes in VI027	
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	•	See VS notes in VI027	



Description: AZI 18 Pulling AFT

RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout RPM 0-110% and digital RPM 0 to max. 3275

Power 0 to +110%

and digital 0 to max. 999.9 MW With set point for Azi and RPM

Status:

VI-setup profiles (VS) for VI036					
VS No.	Name	Description	Status	Notes	
1	VS01 XDi-net	All input data via XDi-net Set-points are default OFF/Invisible!		See all VS notes in the FWD version VI035.	
		Azimuth: XDi-net Azimuth set-point: XDi-net			
		RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net			
		MW/Power%: XDi-net			
		NMEA out if a NX1 NMEA module is connected			

VI-setup profiles (VS) for VI036				
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	All input data via TPDO or XDi-net	a	
		Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1		
		RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1		
		Power%: TPDO 0x185 MW: TPDO 0x18C		
		NMEA out if a NX1 NMEA module is connected		
3	VS03 CAN/Analogue	CAN/Analogue system Required: AX1 in Slot 1 and 2		
		Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-13.0 MW (0-100%)		
4	VS04 Analogue	Full Analogue system Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%)	•	
		AX1 input lost below 3.5mA		

VI-setup profiles (VS) for VI036				
VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	•	
6	VS06 RTC/DX/AX	RTC/RPM Pickup system Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	•	
7	VS07 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	•	