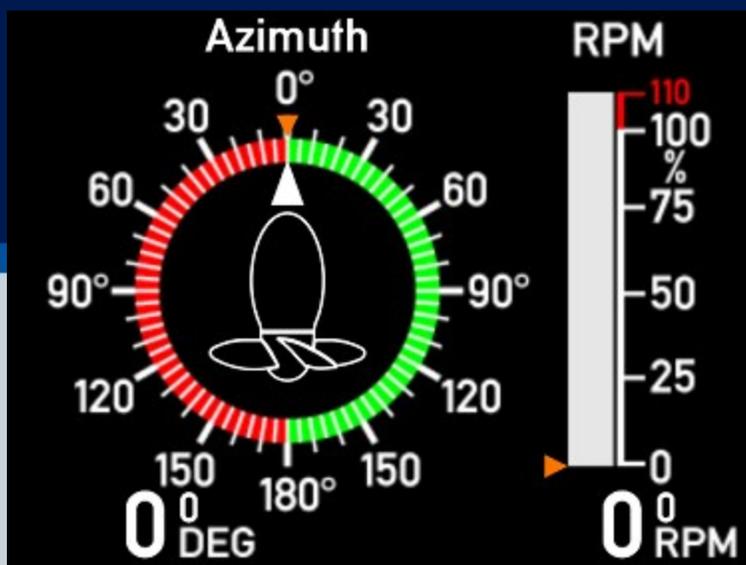




XDi 96 Multi

Standard Multi Azimuth



Library owner: DEIF STANDARD LIB

Library number: 1

Library version: 2008

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Library description :

This XDi Multi library contains a selection of Azimuth 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).

With the upgrade to software Platform 2 it is possible to use dimmer from front buttons (Front button option is required) and it is also possible to make external pushbutton dimming using the NX1 module.

Analogue input error (input lost/out of range) indication is implemented in all relevant VS profiles.

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.

Library status symbols :

 Released & Locked

 Approved

 Pending

 Draft

 Not approved



Timestamp 08-02-2023 15:35:37

Library Specification

Library owner no. : 000001
Library owner name : DEIF STANDARD LIB
Product type : XDi 96
Performance class : Multi
Library number : 1
Library name : Standard Multi Azimuth
Library orientation : Landscape
Library status : Released & Locked
Library version : 2008

Last changed : 08-02-2023 15:35:36

Library default settings :

180 display rotation : False
CAN NodeID : 30

Library notes :

08-02-2023/MAP, Ver. 2008: 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.

 31-05-2022/JOL v.2007: Library is copied from XDi main software platform 1 to Platform 2. AX1 4-20mA input lost function is added in all relevant VS profiles.

Product profiles (PP)



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

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PP No.	PP Name	Description	Status	Notes
1	PP01 XDi-net	<p>Front/XDi-net Dimmer Dimming from front req. Front button option.</p> <p>Default settings: Dimmer group 1 Dimming via XDi-net Auto Day/Night Shift at 70% Monitoring supply voltage 1 XDi-net active</p>		<p>CAN bus and dimmer settings can be modified via XDi installation or user menu. External pushbutton dimming is possible using NX1 module. Must be setup in XDi installation menu: NMEA setup/NX button setup.</p>
2	PP02 Analogue	<p>Analogue Dimmer Required: AX1 in Slot 1 Dimmer potmeter(+ term 3 -term 1, wiper term 2) Can be reconfigured to voltage input</p> <p>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</p>		<p>An external ref. voltage >7.5V can be connected to Vref out overwriting the internal Vref. From the user menu, you can alternatively reconfigure the analogue dimmer input to a normal voltage input.</p>
3	PP03 CAN	<p>CAN Dimmer</p> <p>CANopen TPDO dimming</p> <p>Default settings: Dimmer group 1 Auto Day/Night Shift at 70% Monitoring supply voltage 1</p>		<p>DEIF default TPDO's are predefined and used in all standard libraries. The default TPDO's for dimmer group control can be changed to any TPDO or RPDO via user menu.</p>
4	PP04 Digital	<p>Digital Dimmer Required: DX1 in Slot 1</p> <p>Digital input 1 up (+term 11,- term 10) Digital input 2 down (+term 8,- term 7) Simultaneous activation of IN1 and IN2 for Day/Night Shift</p> <p>Default settings: Dimmer group 1 Shared on XDi-net Monitoring supply voltage 1</p>		<p>Digital input configuration can be changed from menu.</p>

PP No.	PP Name	Description	Status	Notes
5	PP05 Lo Analog	<p>Analogue Dimmer Local Required: AX1 in Slot 1 Dimmer potmeter(+ term 3 - term 1, wiper term 2) Can be reconfigured to voltage input Default settings: Dimmer group: Local Analogue Potmeter 0 to Vref (max. 30V) Auto Day/Night Shift at 70% (Local - Not shared XDi-net) Monitoring supply voltage 1</p>		The dimmer group is "Local" and the dimmer input will only affect this unit, dimmer level will not be shared on XDi-net.
6	PP06 ECR Fixed	<p>ECR Fixed Dimmer Dimming setting via button 2 and 3. Front button option can be used.</p> <p>Default settings: Dimmer group Local Dimmer level 80% to extend backlight life (Local - Not shared XDi-net) Auto Day/Night Shift at 20% Monitoring supply voltage 1 XDi-net active</p>		

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.

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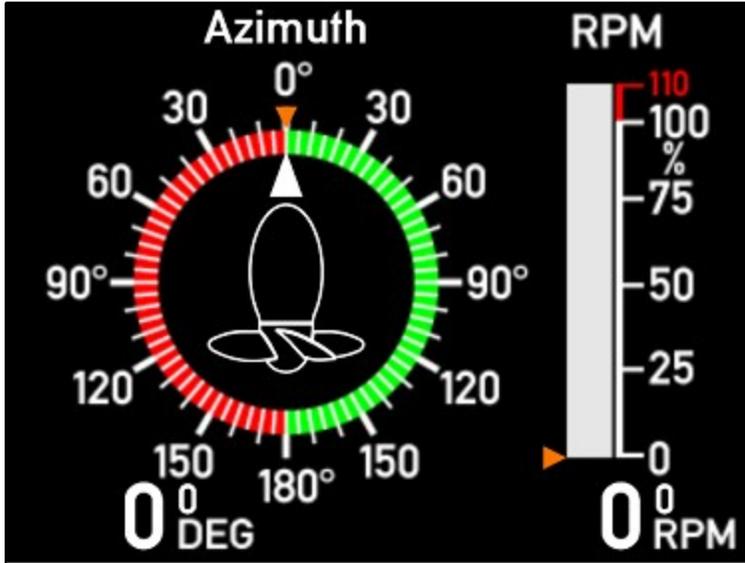
VI No.	Name	VI-setup profiles (VS)	Approvals	Status
001	AZI 1 FWD	7	 	
002	AZI 1 AFT	7	 	
003	AZI 2 FWD	7	 	
004	AZI 2 AFT	7	 	
005	AZI 3 FWD	7	 	
006	AZI 3 AFT	7	 	
007	AZI 4 FWD	7	 	
008	AZI 4 AFT	7	 	

 Approvals only apply for XDi 192.

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VI 001

AZI 1 FWD



Description : AZI 1 FWD

PUSHING TYPE

±180 deg. 0° up
Actual RPM 0...3276
All with digital readout
RPM 0...110%
All with set point

Status :



VI Notes :

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	<p>Input XDi-net</p> <p>Azimuth: XDi-net</p> <p>RPM/RPM%: XDi-net</p> <p>Azimuth set: XDi-net</p> <p>RPM/RPM% set: XDi-net</p> <p>All with setpoint</p>		<p>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.</p> <p>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.</p>
2	VS02 TPDO	<p>Input TPDO or XDi-net</p> <p>Azimuth: TPDO</p> <p>RPM/RPM%: TPDO</p> <p>Azimuth set: TPDO</p> <p>RPM/RPM% set: TPDO</p> <p>All with setpoint</p>		<p>TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu.</p> <p>TPDO input can be scaled from menu.</p> <p>This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used.</p> <p>TPDO input can be disabled to run pure XDi-net.</p>
3	VS03 2 CAN/Analog	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth: TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set: TPDO/XDi</p> <p>Input lost below 3.5mA</p>		<p>COBID and input data scaling can be changed from the XDi installation menu.</p> <p>Analogue input type and scaling can be changes from XDi installation menu.</p>

VI-setup profiles (VS) for VI001

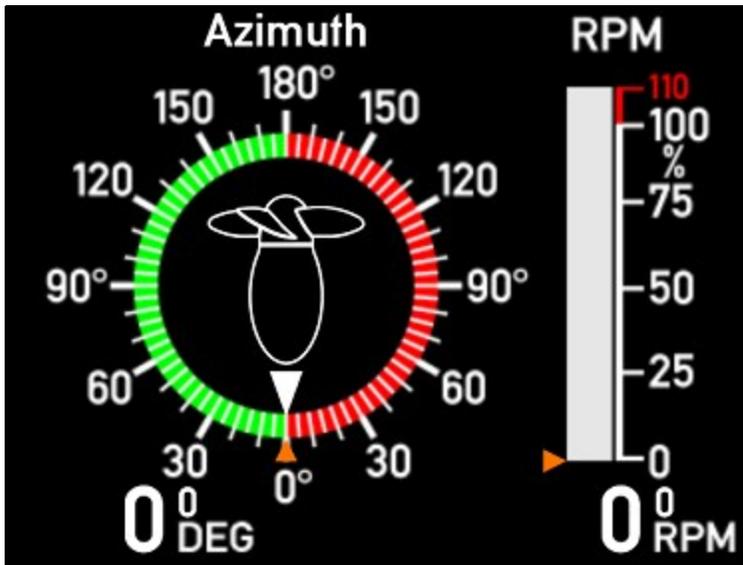
VS No.	Name	Description	Status	Notes
4	VS04 2 TPDO	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		<p>This profile can be used to provide RPM/RPM% setpoint data to other XDi's in a system where the main XDi indicator provides the rest of the data. For example with a XDi using VS03.</p> <p>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.</p>
5	VS05 Analog	<p>Analog inputs Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		<p>Analogue input type and scaling can be changes from XDi installation menu. Azimuth and RPM/RPM% setpoint will be received from XDi-net if available or received as TPDO's from a CAN controller.</p> <p>COBID and input data scaling can be changed from the XDi installation menu or TPDO can be disabled allowing only XDi-net.</p>
6	VS06 Pickup	<p>RTC/RPM RPM pickup input Required: DX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: DX1 S1i1: Signal (+term 11, -term10)</p> <p>RPM/ RPM% set:TPDO/XDi</p>		<p>The azimuth TPDO input can be adjusted or disabled (XDi-net only). Digital RPM input scaling can be changes from XDi installation menu.</p> <p>Azimuth and RPM/RPM% setpoints will be received from XDi-net if available or received as TPDO's from a CAN controller.</p> <p>COBID and input data scaling can be changed from the XDi installation menu or TPDO can be disabled allowing only XDi-net.</p>

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
7	VS07 RTC/RPM	Analog set Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: TPDO/XDi RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost below 3.5mA		This profile can be used to provide Azimuth and RPM/RPM% setpoint data to other XDi's in a system where the main XDi indicator provides the rest of the data. (E.g. XDi using VS05 or VS06) 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.

VI 002

AZI 1 AFT



Description : AZI 1 AFT

PUSHING TYPE

±180 deg. 0° down
 Actual RPM 0...3276
 All with digital readout
 RPM 0...110%
 All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	<p>Input XDi-net</p> <p>Azimuth: XDi-net</p> <p>RPM/RPM%: XDi-net</p> <p>Azimuth set: XDi-net</p> <p>RPM/RPM% set: XDi-net</p> <p>All with setpoint</p>		<p>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.</p> <p>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.</p>

VI-setup profiles (VS) for VI002

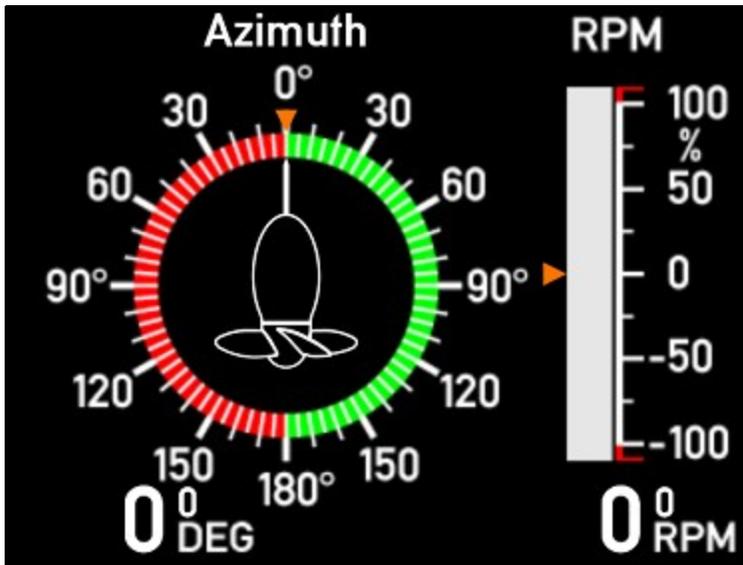
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	<p>Input TPDO or XDi-net</p> <p>Azimuth: TPDO</p> <p>RPM/RPM%: TPDO</p> <p>Azimuth set: TPDO</p> <p>RPM/RPM% set: TPDO</p> <p>All with setpoint</p>		<p>TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu.</p> <p>TPDO input can be scaled from menu.</p> <p>This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used.</p> <p>TPDO input can be disabled to run pure XDi-net.</p>
3	VS03 2 CAN/Analog	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		<p>COBID and input data scaling can be changed from the XDi installation menu.</p> <p>Analogue input type and scaling can be changes from XDi installation menu.</p>
4	VS04 2 TPDO	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		<p>This profile can be used to provide RPM/RPM% setpoint data to other XDi's in a system where the main XDi indicator provides the rest of the data. For example with a XDi using VS03.</p> <p>COBID and input data scaling can be changed from the XDi installation menu.</p> <p>Analogue input type and scaling can be changes from XDi installation menu.</p>

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
5	VS05 Analog	<p>Analog inputs Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		Analogue input type and scaling can be changes from XDi installation menu. Azimuth and RPM/RPM% setpoint will be received from XDi-net if available or received as TPDO's from a CAN controller. COBID and input data scaling can be changed from the XDi installation menu or TPDO can be disabled allowing only XDi-net.
6	VS06 Pickup	<p>RTC/RPM RPM pickup input Required: DX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: DX1 S1i1: Signal (+term 11, -term10)</p> <p>RPM/ RPM% set:TPDO/XDi</p>		The azimuth TPDO input can be adjusted or disabled (XDi-net only). Digital RPM input scaling can be changes from XDi installation menu. Azimuth and RPM/RPM% setpoints will be received from XDi-net if available or received as TPDO's from a CAN controller. COBID and input data scaling can be changed from the XDi installation menu or TPDO can be disabled allowing only XDi-net.
7	VS07 RTC/RPM	<p>Analog set Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		This profile can be used to provide Azimuth and RPM/RPM% setpoint data to other XDi's in a system where the main XDi indicator provides the rest of the data. (E.g. XDi using VS05 or VS06) 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.

VI 003

AZI 2 FWD



Description : AZI 2 FWD

PUSHING TYPE

Dynamic azimuth pointer
±180 deg. 0° up
Actual RPM ±3276
All with digital readout
RPM ±110%
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

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net All with setpoint		See similar VS profile for VI001

VI-setup profiles (VS) for VI003

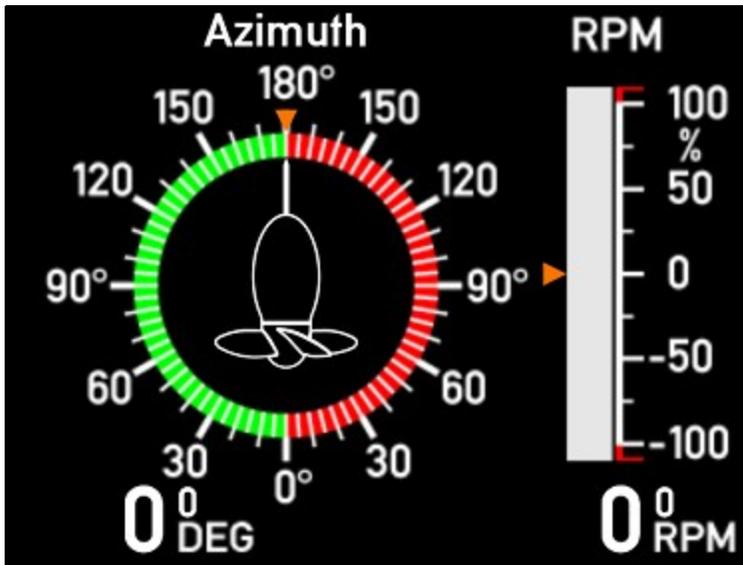
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	<p>Input TPDO or XDi-net</p> <p>Azimuth: TPDO</p> <p>RPM/RPM%: TPDO</p> <p>All with setpoint</p>		See similar VS profile for VI001
3	VS03 2 CAN/Analog	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
4	VS04 2 TPDO	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
5	VS05 Analog	<p>Analog inputs Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
6	VS06 Pickup	RTC/RPM RPM pickup input Required: DX1 in Slot 1 Azimuth:TPDO(RTC)/XD <i>i</i> Azimuth set:TPDO/XD <i>i</i> RPM/RPM%: DX1 S1i1: (+term 11, -term10) S1i2: (+term8,- term7) RPM/ RPM% set:TPDO/XD <i>i</i>		See similar VS profile for VI001
7	VS07 RTC/RPM	Analog set Required: AX1 in Slot 1 Azimuth:TPDO(RTC)/XD <i>i</i> Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%:TPDO/XD <i>i</i> RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost below 3.5mA		See similar VS profile for VI001

VI 004

AZI 2 AFT



Description : AZI 2 AFT

PUSHING TYPE

Dynamic azimuth pointer
±180 deg. 0° down
Actual RPM ±3276
All with digital readout
RPM ±110%
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

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net		See similar VS profile for VI001
All with setpoint				

VI-setup profiles (VS) for VI004

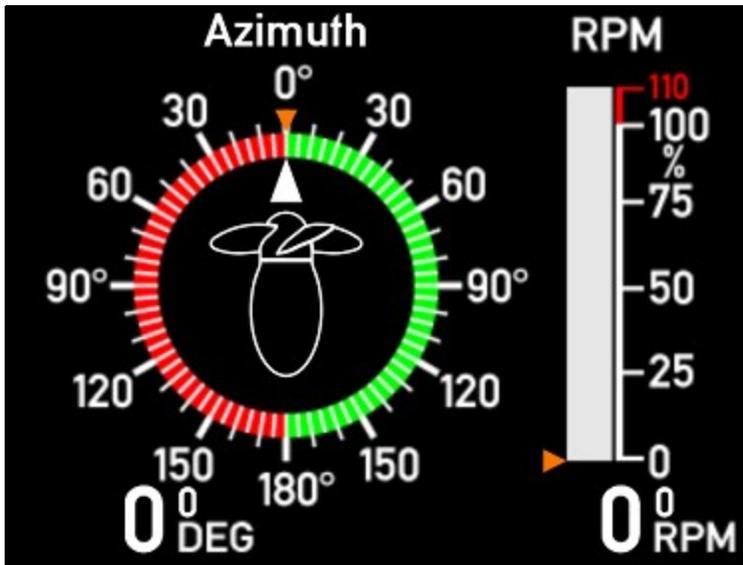
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	<p>Input TPDO or XDi-net</p> <p>Azimuth: TPDO</p> <p>RPM/RPM%: TPDO</p> <p>All with setpoint</p>		See similar VS profile for VI001
3	VS03 2 CAN/Analog	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
4	VS04 2 TPDO	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
5	VS05 Analog	<p>Analog inputs Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
6	VS06 Pickup	RTC/RPM RPM pickup input Required: DX1 in Slot 1 Azimuth:TPDO(RTC)/XD <i>i</i> Azimuth set:TPDO/XD <i>i</i> RPM/RPM%: DX1 S1i1: (+term 11, -term10) S1i2: (+term8,- term7) RPM/ RPM% set:TPDO/XD <i>i</i>		See similar VS profile for VI001
7	VS07 RTC/RPM	Analog set Required: AX1 in Slot 1 Azimuth:TPDO(RTC)/XD <i>i</i> Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%:TPDO/XD <i>i</i> RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost below 3.5mA		See similar VS profile for VI001

VI 005

AZI 3 FWD



Description : AZI 3 FWD

PULLING TYPE

±180 deg. 0° up
Actual RPM 0...3276
All with digital readout
RPM 0...110%
All with set point

Status :



VI Notes :

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net Azimuth set: XDi-net RPM/RPM% set: XDi-net All with setpoint		See similar VS profile for VI001

VI-setup profiles (VS) for VI005

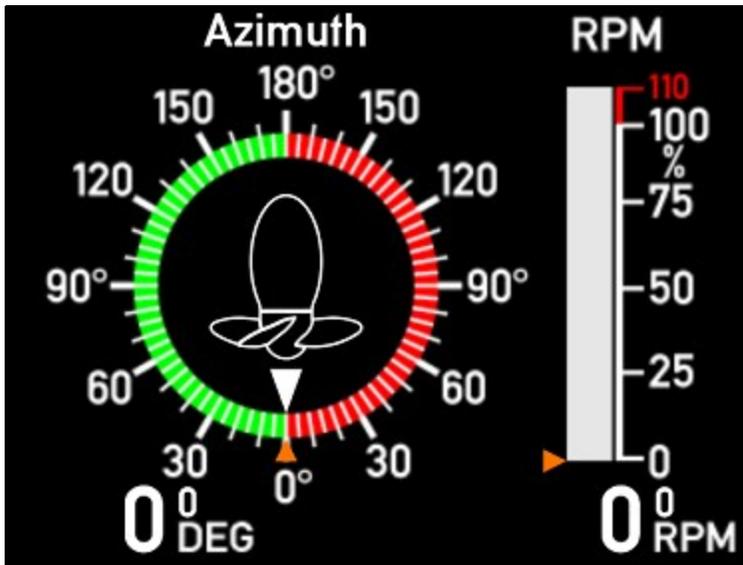
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	<p>Input TPDO or XDi-net</p> <p>Azimuth: TPDO</p> <p>RPM/RPM%: TPDO</p> <p>Azimuth set: TPDO</p> <p>RPM/RPM% set: TPDO</p> <p>All with setpoint</p>		See similar VS profile for VI001
3	VS03 2 CAN/Analog	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
4	VS04 2 TPDO	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
5	VS05 Analog	<p>Analog inputs Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
6	VS06 Pickup	RTC/RPM RPM pickup input Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi Azimuth set: TPDO/XDi RPM/RPM%: DX1 S1i1: Signal (+term 11, -term10) RPM/ RPM% set: TPDO/XDi		See similar VS profile for VI001
7	VS07 TC/RPM	Analog set Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: TPDO/XDi RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost below 3.5mA		See similar VS profile for VI001

VI 006

AZI 3 AFT



Description : AZI 3 AFT

PULLING TYPE

±180 deg. 0° down
 Actual RPM 0...3276
 All with digital readout
 RPM 0...110%
 All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net Azimuth set: XDi-net RPM/RPM% set: XDi-net All with setpoint		See similar VS profile for VI001

VI-setup profiles (VS) for VI006

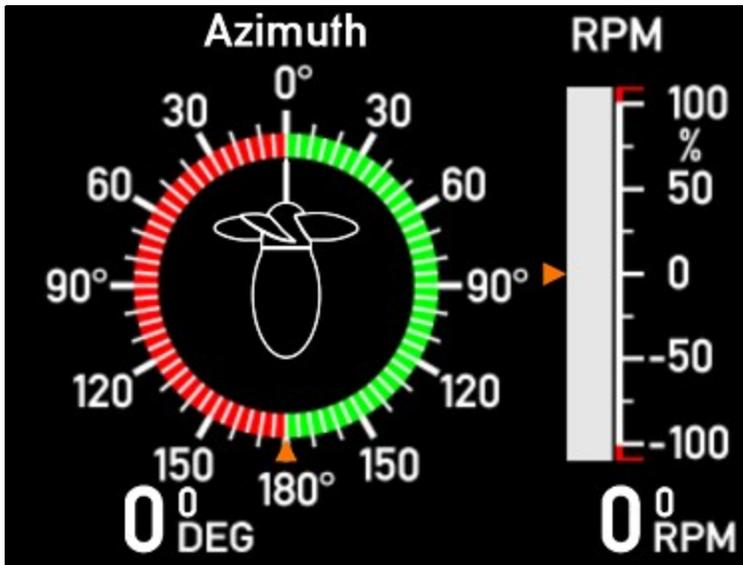
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	<p>Input TPDO or XDi-net</p> <p>Azimuth: TPDO</p> <p>RPM/RPM%: TPDO</p> <p>Azimuth set: TPDO</p> <p>RPM/RPM% set: TPDO</p> <p>All with setpoint</p>		See similar VS profile for VI001
3	VS03 2 CAN/Analog	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
4	VS04 2 TPDO	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
5	VS05 Analog	<p>Analog inputs Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
6	VS06 Pickup	RTC/RPM RPM pickup input Required: DX1 in Slot 1 Azimuth:TPDO(RTC)/XD <i>i</i> Azimuth set:TPDO/XD <i>i</i> RPM/RPM%: DX1 S1 <i>i</i> 1: Signal (+term 11, -term10) RPM/ RPM% set:TPDO/XD <i>i</i>		See similar VS profile for VI001
7	VS07 TC/RPM	Analog set Required: AX1 in Slot 1 Azimuth:TPDO(RTC)/XD <i>i</i> Azimuth set: AX1 S1 <i>i</i> 1: 4-20mA (+term9, -term8) RPM/RPM%:TPDO/XD <i>i</i> RPM/ RPM% set: AX1 S1 <i>i</i> 2: 4-20mA (+term5, -term4) Input lost below 3.5mA		See similar VS profile for VI001

VI 007

AZI 4 FWD



Description : AZI 4 FWD

PUSHING TYPE

Dynamic azimuth pointer
±180 deg. 0° up
Actual RPM ±3276
All with digital readout
RPM ±110%
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

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net All with setpoint		See similar VS profile for VI001

VI-setup profiles (VS) for VI007

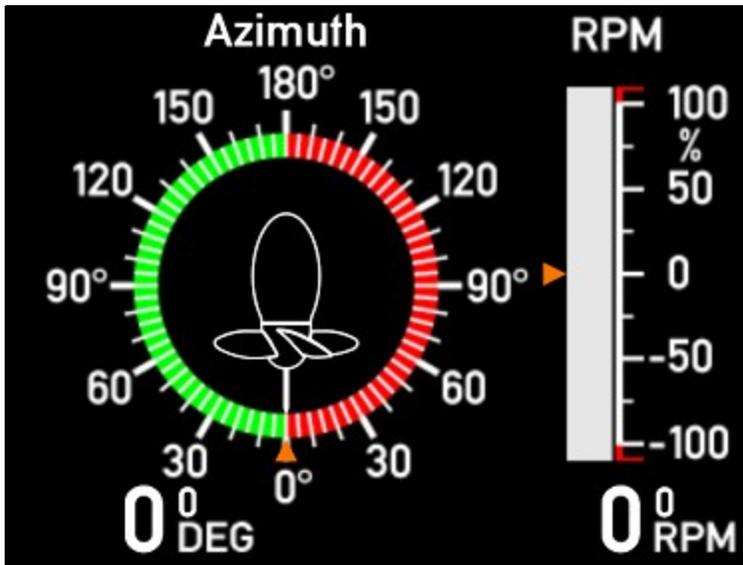
VS No.	Name	Description	Status	Notes
2	VS02 TPDO	<p>Input TPDO or XDi-net</p> <p>Azimuth: TPDO</p> <p>RPM/RPM%: TPDO</p> <p>All with setpoint</p>		See similar VS profile for VI001
3	VS03 2 CAN/Analog	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
4	VS04 2 TPDO	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
5	VS05 Analog	<p>Analog inputs Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
6	VS06 Pickup	RTC/RPM RPM pickup input Required: DX1 in Slot 1 Azimuth:TPDO(RTC)/XDi Azimuth set:TPDO/XDi RPM/RPM%: DX1 S1i1: (+term 11, -term10) S1i2: (+term8,- term7) RPM/ RPM% set:TPDO/XDi All with setpoint		See similar VS profile for VI001
7	VS07 RTC/RPM	Analog set Required: AX1 in Slot 1 Azimuth:TPDO(RTC)/XDi Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%:TPDO/XDi RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost below 3.5mA		See similar VS profile for VI001

VI 008

AZI 4 AFT



Description : AZI 4 AFT

PUSHING TYPE

Dynamic azimuth pointer
±180 deg. 0° down
Actual RPM ±3276
All with digital readout
RPM ±110%
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

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net All with setpoint		See similar VS profile for VI001

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	<p>Input TPDO or XDi-net</p> <p>Azimuth: TPDO</p> <p>RPM/RPM%: TPDO</p> <p>All with setpoint</p>		See similar VS profile for VI001
3	VS03 2 CAN/Analog	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
4	VS04 2 TPDO	<p>2 CAN/Analog Required: AX1 in Slot 1</p> <p>Azimuth:TPDO(RTC)/XDi</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%:TPDO/XDi</p> <p>RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001
5	VS05 Analog	<p>Analog inputs Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>Azimuth set:TPDO/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>RPM/ RPM% set:TPDO/XDi</p> <p>Input lost below 3.5mA</p>		See similar VS profile for VI001

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
6	VS06 Pickup	RTC/RPM RPM pickup input Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi Azimuth set: TPDO/XDi RPM/RPM%: DX1 S1i1: (+term 11, -term10) S1i2: (+term8, -term7) RPM/ RPM% set: TPDO/XDi All with setpoint		See similar VS profile for VI001
7	VS07 RTC/RPM	Analog set Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi Azimuth set: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: TPDO/XDi RPM/ RPM% set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost below 3.5mA		See similar VS profile for VI001