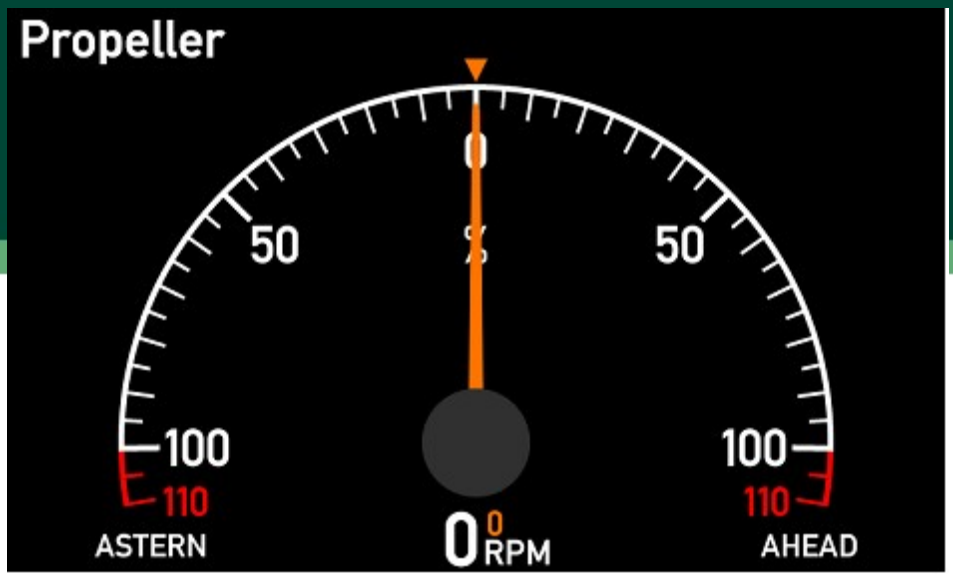
XDi 144/192 Dual

Revolutions (+/-RPM)



Library owner: DEIF STANDARD LIB

Library number: 41

Library version: 2009

Table of Contents

1 LIBRARY INFORMATION 3

2 PRODUCT PROFILES (PP) 4

3 VIRTUAL INDICATORS (VI) 6

4 DETAILED VIRTUAL INDICATOR (VI) DESCRIPTION 8

Library description :

This XDi Dual library contains a selection of virtual indicators (VI) presenting +/- RPM, all indicators a available for respectively 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 analogue 4-20mA inputs has a input lost (below 3.5mA) and over current (above 21mA) function that will give a warning, if you change the input type or input level, remember to change the error levels as well ! (default 3500µA and 21000µA)
All indicators in this library has a CAN TPDO output function that is default off, but by activating it from XDi install menu it is possible to connect XL CAN indicators for +/-RPM to the CAN bus. Use sCAN with sID 3 for RPMand use absolut scaling with 0.1 resolution.
The indicators with RPM% scale can also send RPM% in a TPDO to an XL CAN indicator with RPM% scale. Use sCAN ID 8 and absolute scaling +/-RPM% with 0.1% resolution. (value 1000 =100.0%).

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.
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 14-07-2026 13.35.15

Library Specification

Library owner no. :	000001
Library owner name :	DEIF STANDARD LIB
Product type :	XDi 144/192
Performance class :	Dual
Library number :	41
Library name :	Revolutions (+/-RPM)
Library orientation :	Landscape
Library status :	Released & Locked
Library version :	2009
Last changed :	14-07-2026 13.35.00

Library default settings :

180 display rotation :	False
CAN NodeID :	30

Library notes :

14-07-2026/JHU, Ver. 2009: VI 28 & 29 added (RPM + start air pressure).

27-12-2024/JOL, Ver. 2008: CAN TPDO output for RPM and some also RPM% is added to all relevant VS profiles, default is OFF. Activate output from XDi install menu.

08-02-2023/MAP, Ver. 2007: 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.

14-07-2022/JOL, Ver.2006: Library is moved to XDi main platform 2. Front button dimming is added.
Analogue 4-20mA input lost is added in all VS profiles where it is relevant.
.....
Ver. 0005: Max backlight level is reduced from 250 to 225 in XDi192 (only)
to increase backlight lifetime at high operating temperatures.
It can be increased to 250 again via XDi user menu.

Product profiles (PP)

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

Timestamp 14-07-2026 13.35.15

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% Monitoring supply voltage 1		CANbus and Dimmer settings can be changed from XDi menu
2	PP02 Analogue	**Analogue Dimmer** Required: AX1 in Slot 1 Dimmer potmeter (+ term 3, - term 1, wiper term 2) Can be reconfigured to voltage input **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		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.
3	PP03 CAN	**CAN Dimmer** CANopen TPDO dimming **Default settings:** Dimmer group 1 Auto Day/Night Shift at 70% Monitoring supply voltage 1		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.
4	PP04 Digital	**Digital Dimmer** Required: DX1 in Slot 1 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 **Default settings:** Dimmer group 1 Shared on XDi-net Monitoring supply voltage 1		Digital input configuration can be changed from menu.

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 **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		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 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 fixed backlight should not be >90% **Default settings:** XDi-net active Dimmer group: Local Dimming via XDi-net Auto Day/Night Shift at 70% Monitoring supply voltage 1		Default fixed dimmer level is reduced to 75% to extend backlight life. Dimmer level and Day/Night colour can be changed from user menu.

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 **14-07-2026 13.35.15**

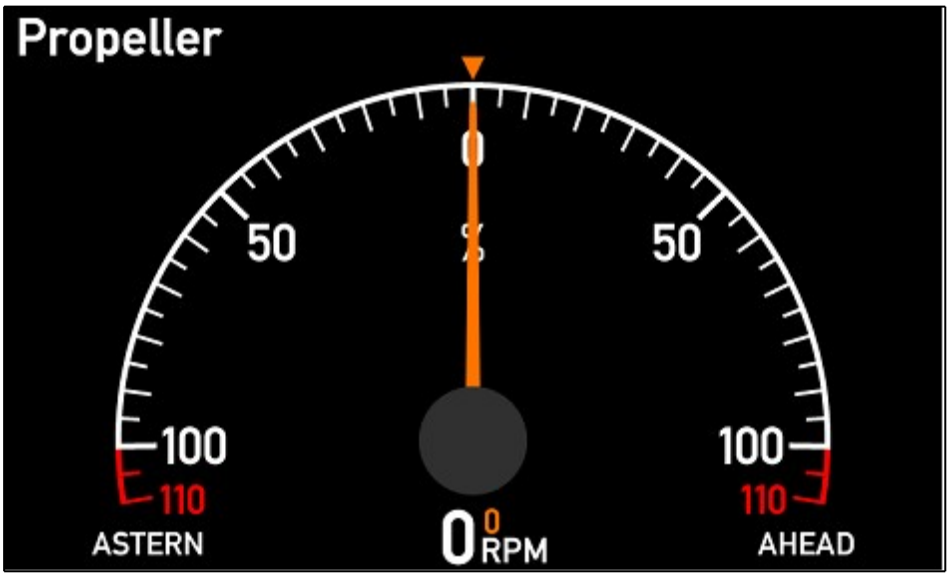
VI No.	Name	VI-setup profiles (VS)	Approvals	Status
001	AS-AH FWD	5		
002	AH-AS AFT	5		
003	PS-SB FWD	5		
004	SB-PS AFT	5		
005	Reserved	1		
006	Reserved	1		
007	Reserved	1		
008	Reserved	1		
009	Reserved	1		
010	± 100 FWD	5		
011	± 100 AFT	5		
012	± 125 FWD	5		
013	± 125 AFT	5		
014	± 150 FWD	5		
015	± 150 AFT	5		
016	± 200 FWD	5		
017	± 200 AFT	5		
018	± 250 FWD	5		
019	± 250 AFT	5		

VI No.	Name	VI-setup profiles (VS)	Approvals	Status
020	± 300 FWD	5		
021	± 300 AFT	5		
022	± 350 FWD	5		
023	± 350 AFT	5		
024	± 400 FWD	5		
025	± 400 AFT	5		
026	± 450 FWD	5		
027	± 450 AFT	5		
028	RPM + Start air FWD	5		
029	RPM + Start air AFT	5		

Approvals only apply for XDi 192.

Timestamp 14-07-2026 13.35.15

VI 001 **AS-AH FWD**



Description : **RPM/%RPM AS-AH FWD**

Propeller RPM% ±110%
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : RPM% scale can be configured from the XDi menu to match different input values. This makes this indicator quit universal.

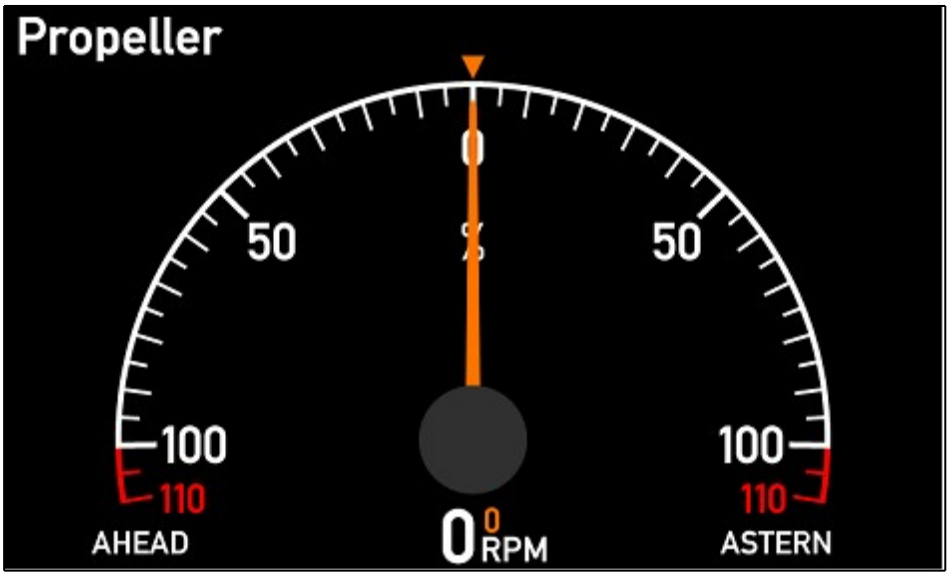
VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM/RPM%: XDi-net RPM/RPM% 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. Support for NX1 NMEA out: Slot 2
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1 RPM% is calculated based on PPM and RPM set-point received in the above TPDOs	🔒	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. Support for NX1 NMEA out: Slot 2
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution	🔒	Analogue input type and scaling can be changes from XDi installation menu. If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA) Support for NX1 NMEA out: Slot 2

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM/RPM%** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		Digital RPM input scaling can be changes from XDi installation menu. Analogue input type and scaling can be changes from XDi installation menu. If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA)
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM/RPM%: TPDO Default: 100% = 2000.0RPM (20000) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		TPDO COBID that contains RPM value can be changed or input conversion can be rescaled via adjust menu. Analogue input type and scaling can be changes from XDi installation menu. If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA) Support for NX1 NMEA out: Slot 2

VI 002 **AH-AS AFT**



Description : **RPM/%RPM AH-AS AFT**

Propeller RPM% ±110%
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : RPM% scale can be configured from the XDi menu to match different input values.
This makes this indicator quit universal.
The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

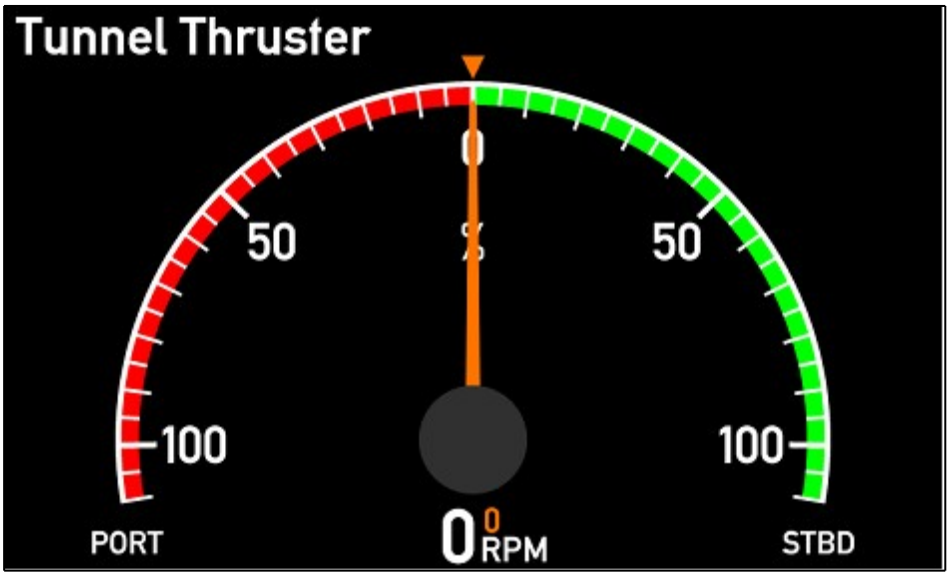
VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1 RPM% is calculated based on PPM and RPM set-point received in the above TPDOs	🔒	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. Support for NX1 NMEA out: Slot 2
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution	🔒	Analogue input type and scaling can be changes from XDi installation menu. If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA) Support for NX1 NMEA out: Slot 2
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM/RPM%** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution	🔒	Digital RPM input scaling can be changes from XDi installation menu. Analogue input type and scaling can be changes from XDi installation menu. If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA)
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM/RPM%: TPDO Default: 100% = 2000.0RPM (20000) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA	🔒	See similar VS profile for VI001

VI 003 **PS-SB FWD**



Description : **RPM/%RPM PS-SB FWD**

Propeller RPM% ±110%
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : RPM% scale can be configured from the XDi menu to match different input values. This makes this indicator quit universal.

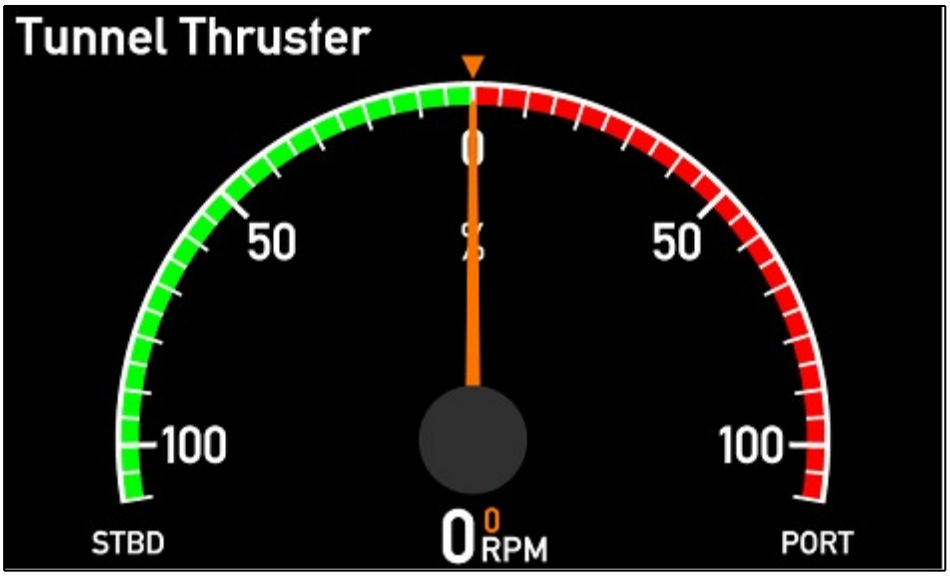
VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1 RPM% is calculated based on PPM and RPM set-point received in the above TPDOs		See similar VS profile for VI001

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM/RPM%** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM/RPM%: TPDO Default: 100% = 2000.0RPM (20000) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 004 **SB-PS AFT**



Description : **RPM/%RPM SB-PS AFT**

Propeller RPM% ±110%
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : RPM% scale can be configured from the XDi menu to match different input values.
This makes this indicator quit universal.
The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1 RPM% is calculated based on PPM and RPM set-point received in the above TPDOs		See similar VS profile for VI001
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM/RPM%** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM/RPM%: TPDO Default: 100% = 2000.0RPM (20000) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 005 **Reserved**

Description : **Reserved**

Reserved for future use

Status :

VI Notes :

VI-setup profiles (VS) for VI005

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

VI 006 **Reserved**

Description : **Reserved**

Reserved for future use

Status :

VI Notes :

VI-setup profiles (VS) for VI006

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

VI 007 **Reserved**

Description : **Reserved**

Reserved for future use

Status :

VI Notes :

VI-setup profiles (VS) for VI007

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

VI 008 **Reserved**

Description : **Reserved**

Reserved for future use

Status :

VI Notes :

VI-setup profiles (VS) for VI008

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

VI 009 **Reserved**

Description : **Reserved**

Reserved for future use

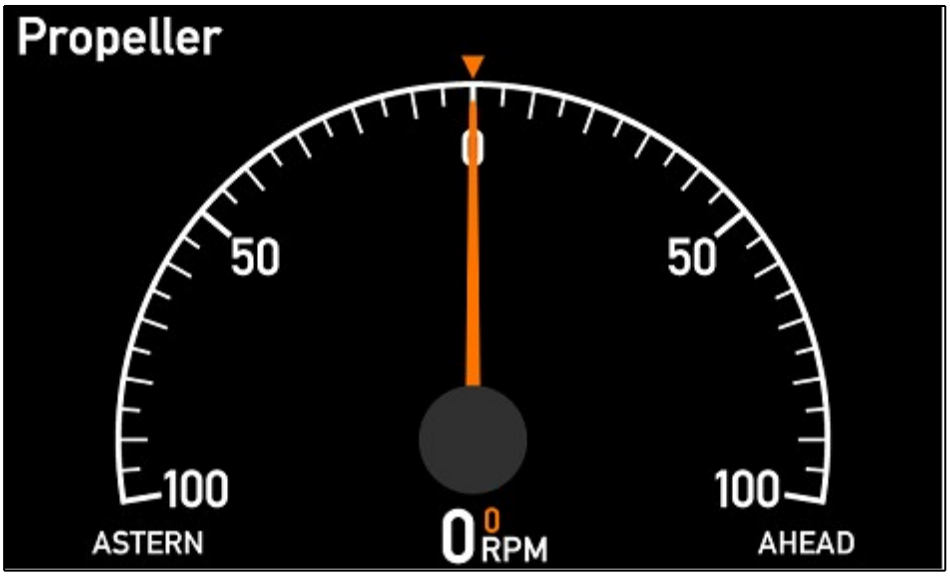
Status :

VI Notes :

VI-setup profiles (VS) for VI009

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

VI 010 **± 100 FWD**



Description : **RPM ±100 FWD**

Propeller RPM ±100
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

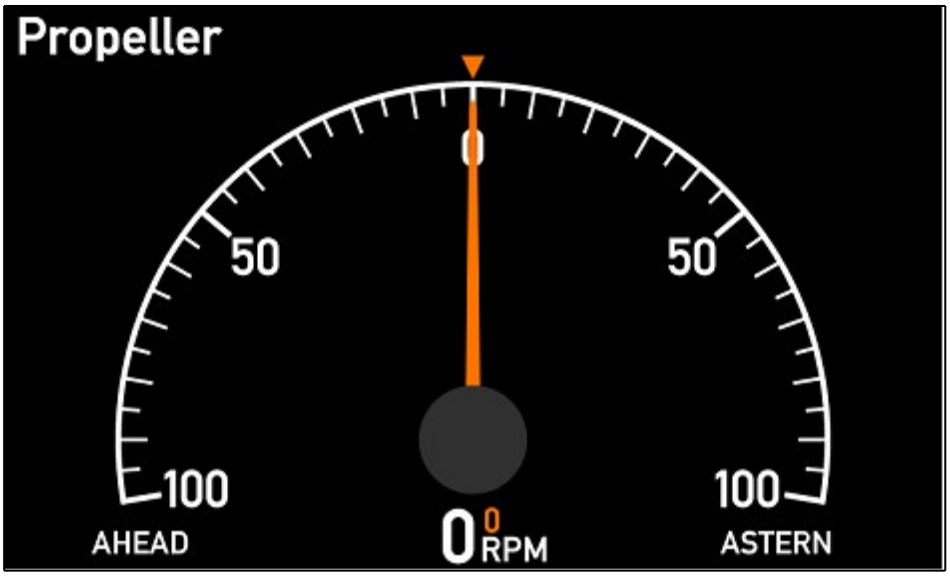
VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 011 **± 100 AFT**



Description : **RPM ±100 AFT**

Propeller RPM ±100
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

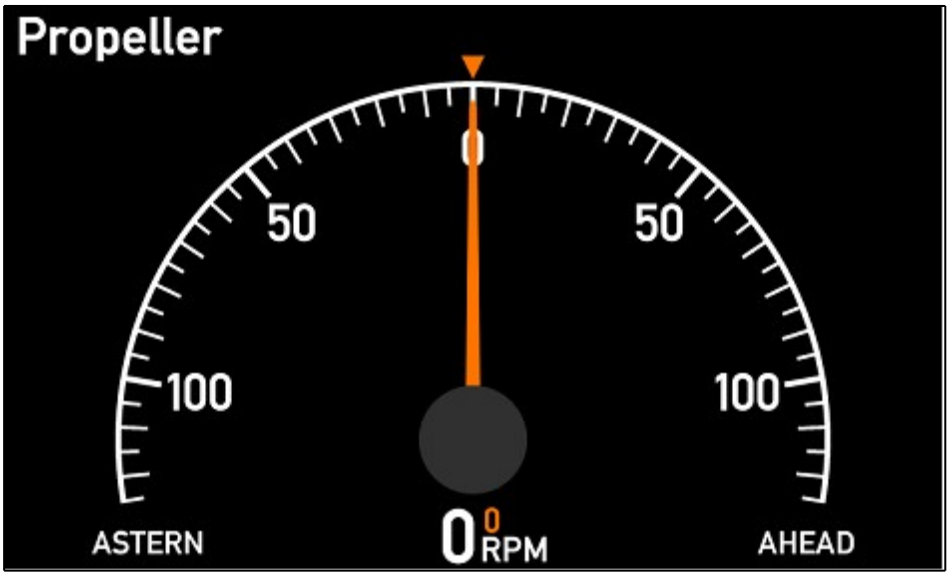
VI-setup profiles (VS) for VI011

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI011

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 012 **± 125 FWD**



Description : **RPM ±125 FWD**

Propeller RPM ±125
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

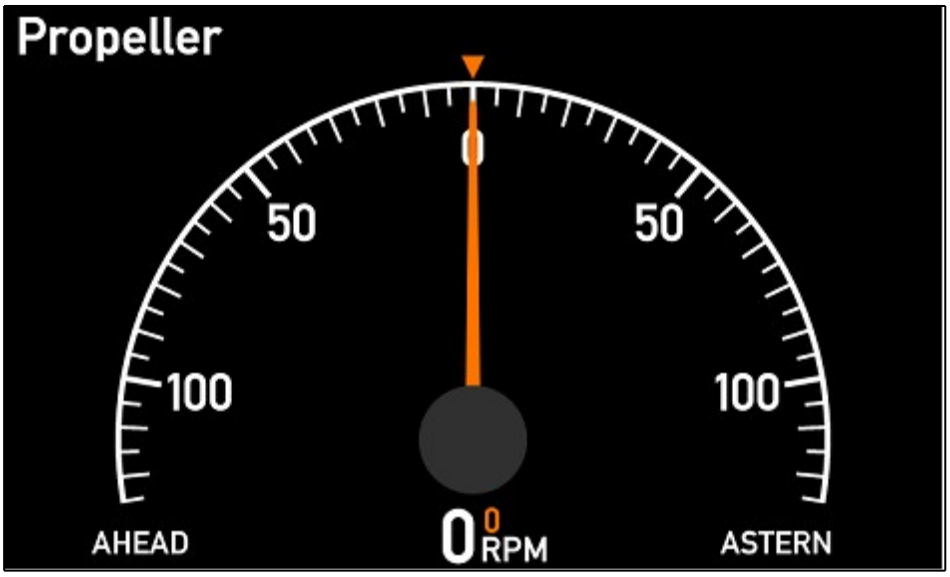
VI-setup profiles (VS) for VI012

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI012

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 013 **± 125 AFT**



Description : **RPM ±125 AFT**

Propeller RPM ±125
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

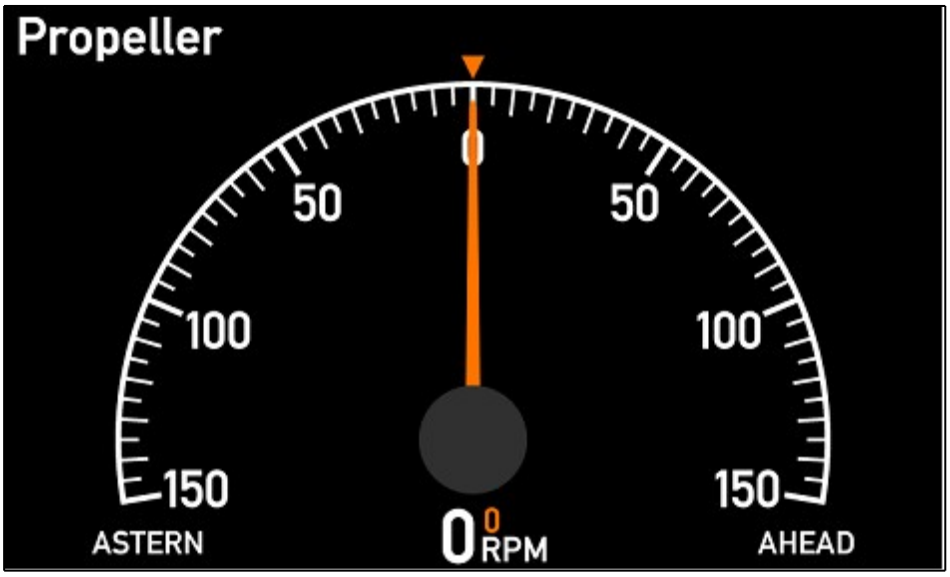
VI-setup profiles (VS) for VI013

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI013

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 014 **± 150 FWD**



Description : **RPM ±150 FWD**

Propeller RPM ±150
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

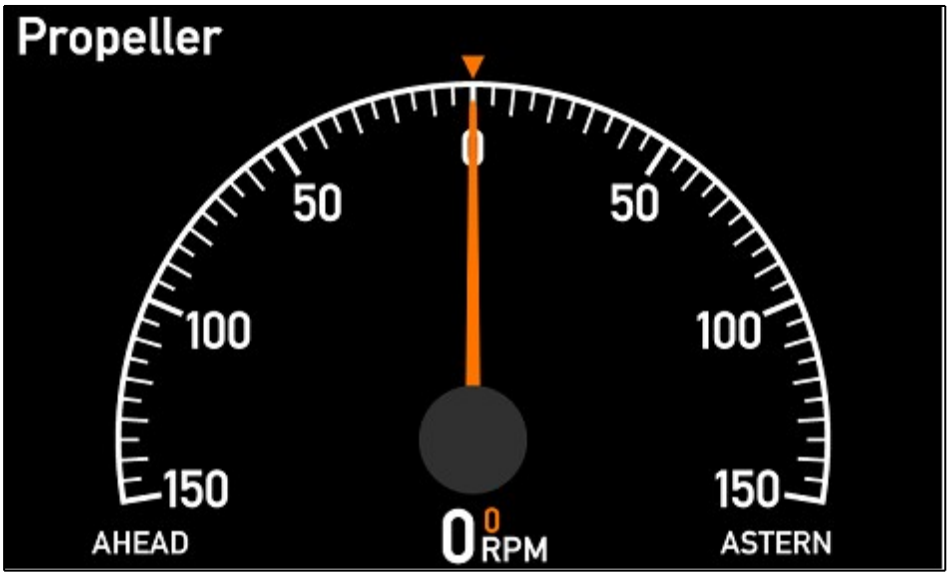
VI-setup profiles (VS) for VI014

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI014

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 015 **± 150 AFT**



Description : **RPM ±150 AFT**

Propeller RPM ±150
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

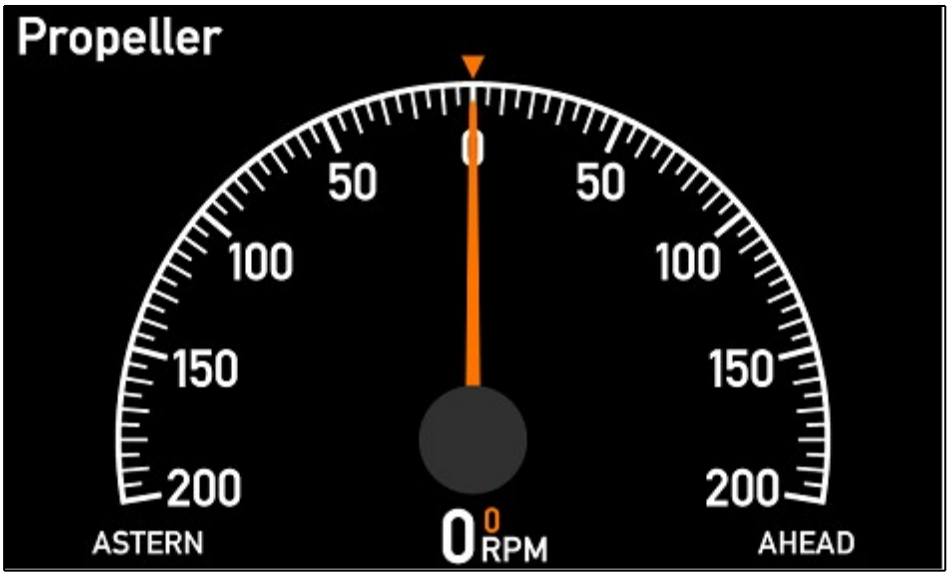
VI-setup profiles (VS) for VI015

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI015

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 016 **± 200 FWD**



Description : **RPM ±200 FWD**

Propeller RPM ±200
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

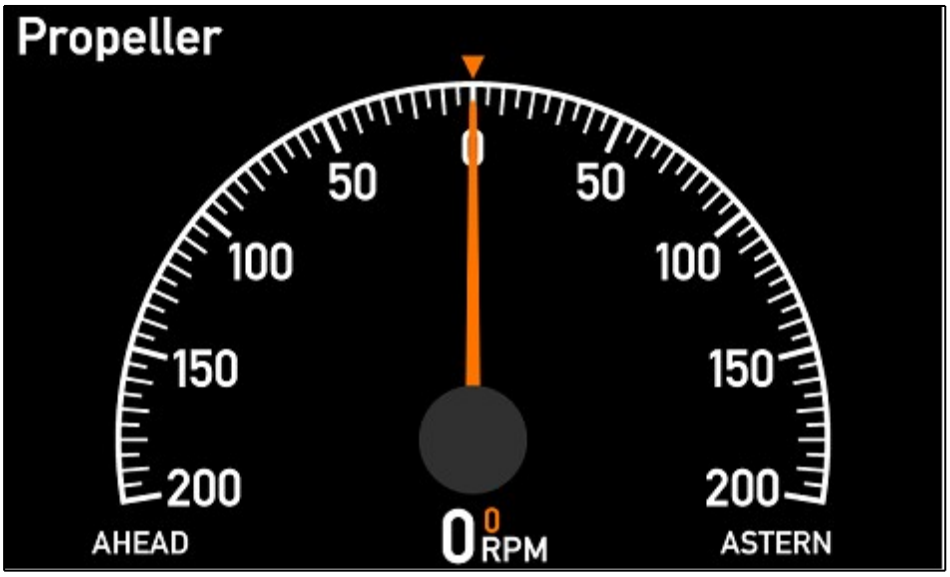
VI-setup profiles (VS) for VI016

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI016

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 017 **± 200 AFT**



Description : **RPM ±200 AFT**

Propeller RPM ±200
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

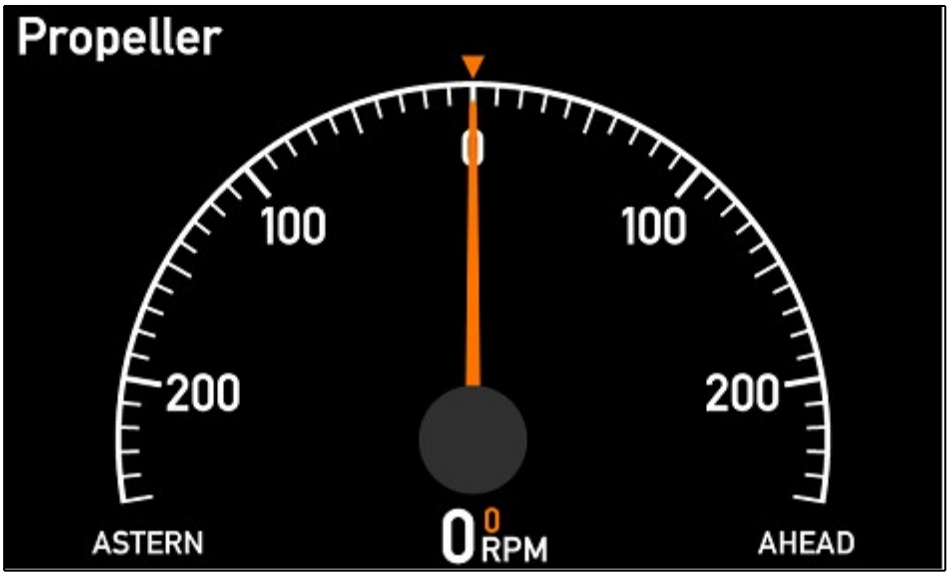
VI-setup profiles (VS) for VI017

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI017

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 018 **± 250 FWD**



Description : **RPM ±250 FWD**

Propeller RPM ±250
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

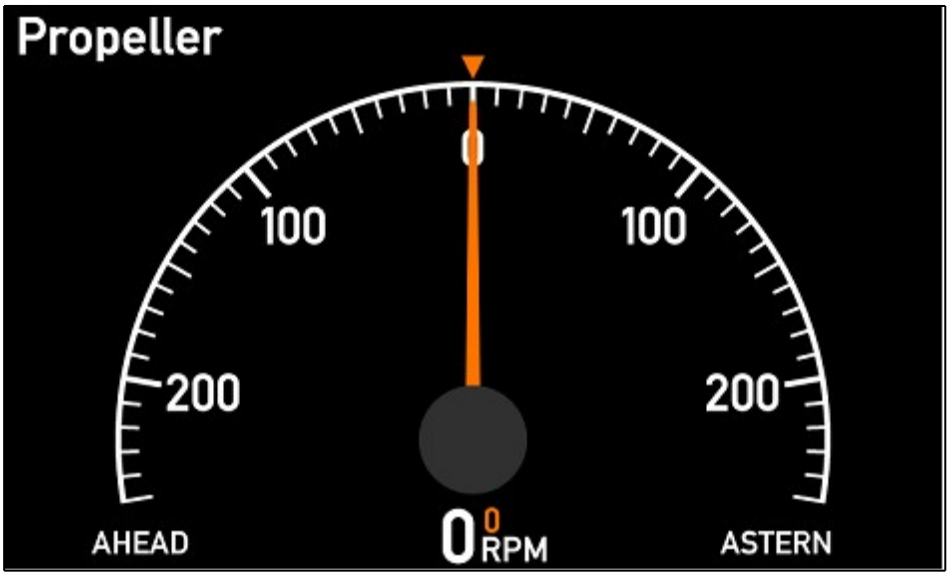
VI-setup profiles (VS) for VI018

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI018

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 019 **± 250 AFT**



Description : **RPM ±250 AFT**

Propeller RPM ±250
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

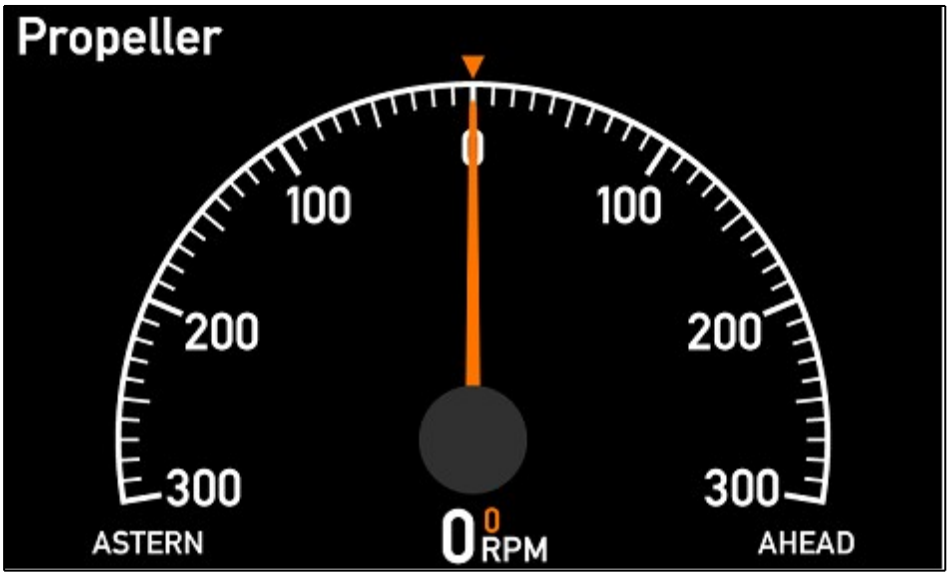
VI-setup profiles (VS) for VI019

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI019

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 020 **± 300 FWD**



Description : **RPM ±300 FWD**

Propeller RPM ±300
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

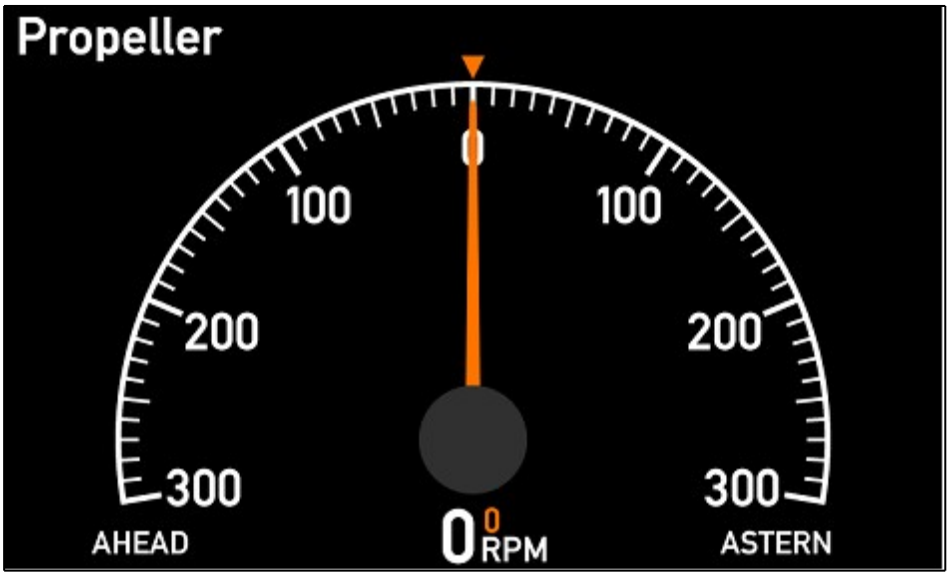
VI-setup profiles (VS) for VI020

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI020

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 021 **± 300 AFT**



Description : **RPM ±300 AFT**

Propeller RPM ±300
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

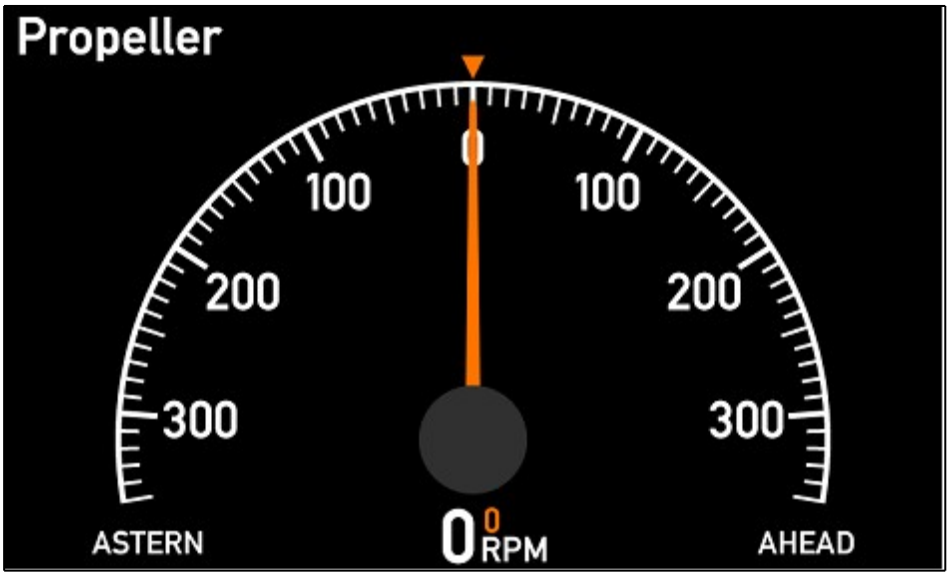
VI-setup profiles (VS) for VI021

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI021

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 022 **± 350 FWD**



Description : **RPM ±350 FWD**

Propeller RPM ±350
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

VI-setup profiles (VS) for VI022

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI022

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 023 **± 350 AFT**

Description : **RPM ±350 AFT**

Propeller RPM ±350
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

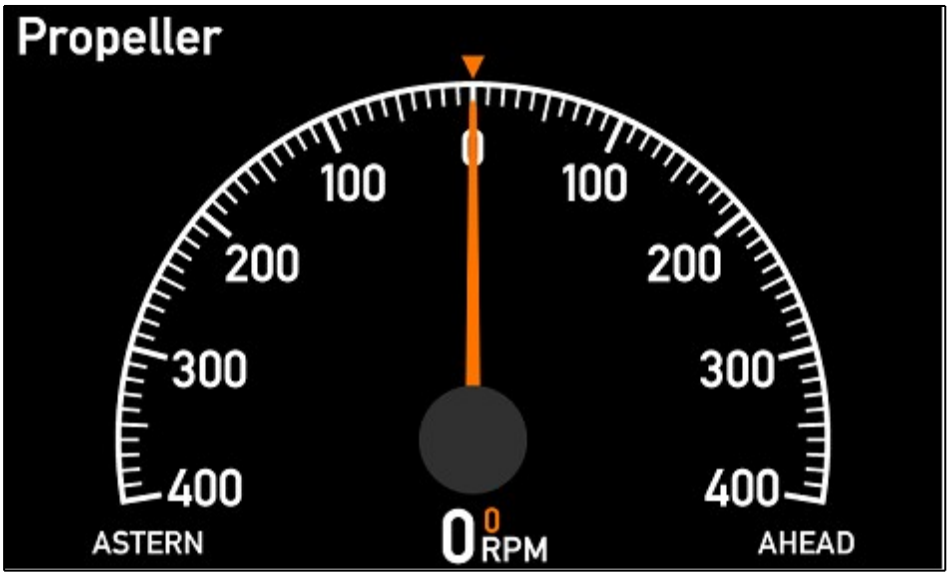
VI-setup profiles (VS) for VI023

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI023

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 024 **± 400 FWD**



Description : **RPM ±400 FWD**

Propeller RPM ±400
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

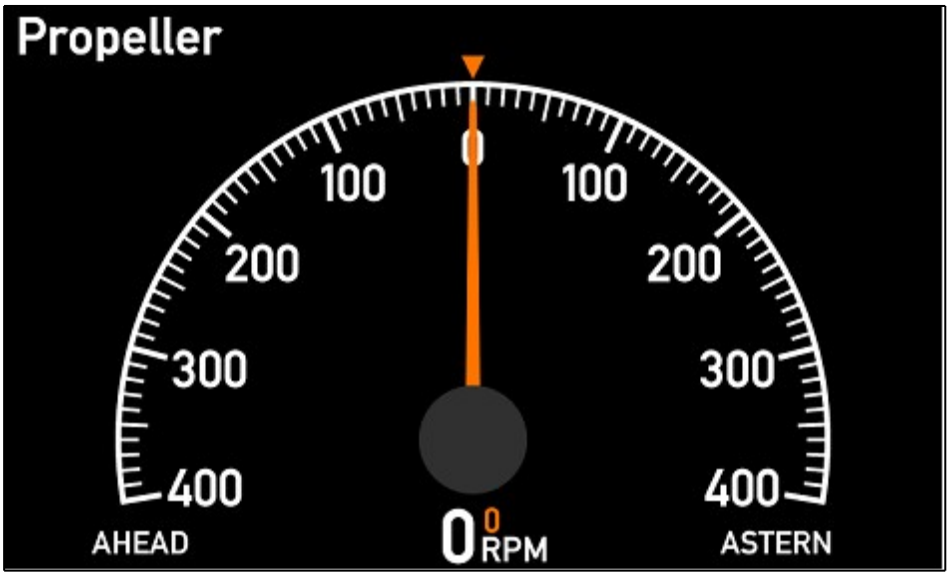
VI-setup profiles (VS) for VI024

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI024

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 025 **± 400 AFT**



Description : **RPM ±400 AFT**

Propeller RPM ±400
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

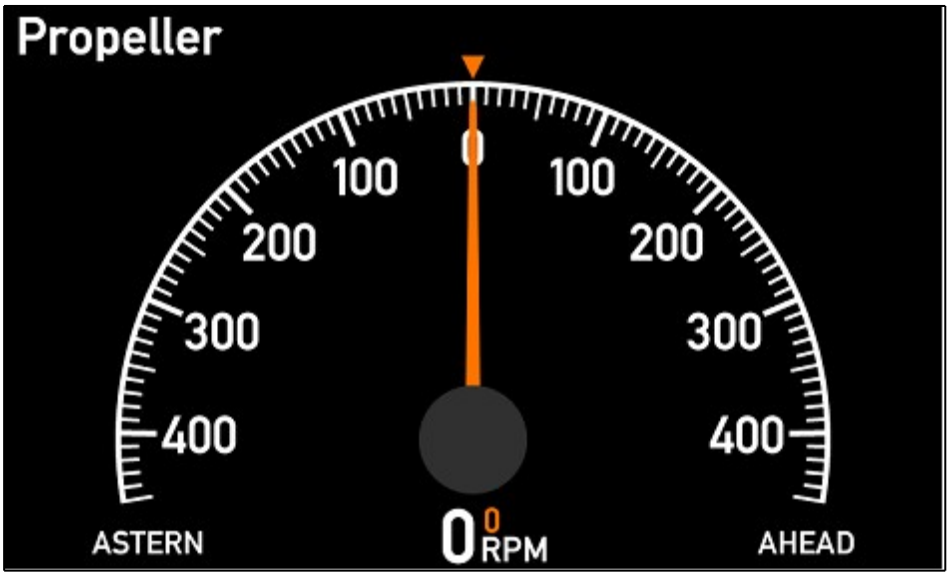
VI-setup profiles (VS) for VI025

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI025

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 026 **± 450 FWD**



Description : **RPM ±450 FWD**

Propeller RPM ±450
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes :

VI-setup profiles (VS) for VI026

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XRi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI026

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 027 **± 450 AFT**

Description : **RPM ±450 AFT**

Propeller RPM ±450
Actual RPM range ±3276 digital readout

With selectable headline
With set point (can be disabled)

Status :

VI Notes : The AFT type RPM indicator cannot be MED approved, but may be used as a 2nd indicator.

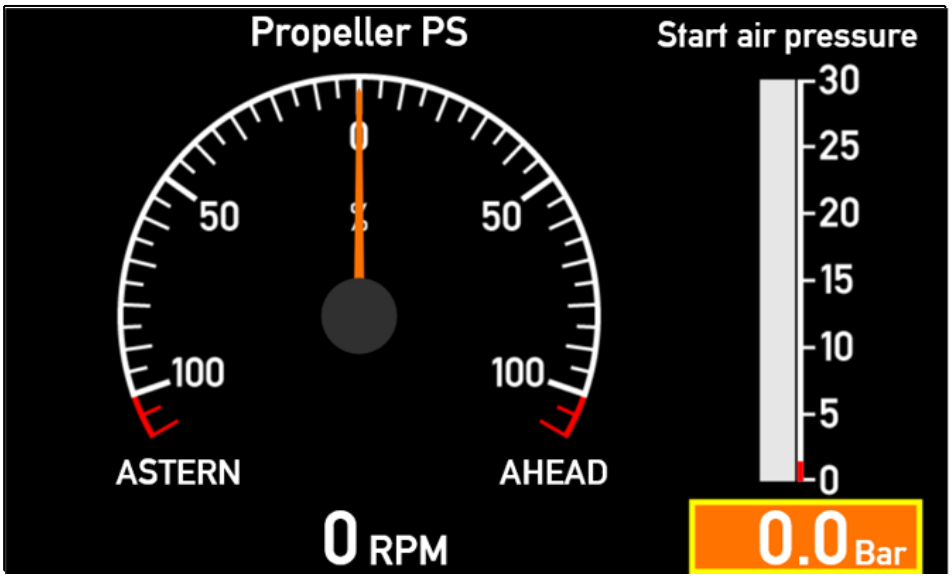
VI-setup profiles (VS) for VI027

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 RPMset-point received in 0x2A1 Byte 0 and 1 resolution 0.1		See similar VS profile for VI001

VI-setup profiles (VS) for VI027

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) **RPM set-point: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 028 **RPM + Start air FWD**



Description : **RPM+Start air pressure FWD**

With low pressure warning,
adjustable from User menu

Status :

VI Notes :

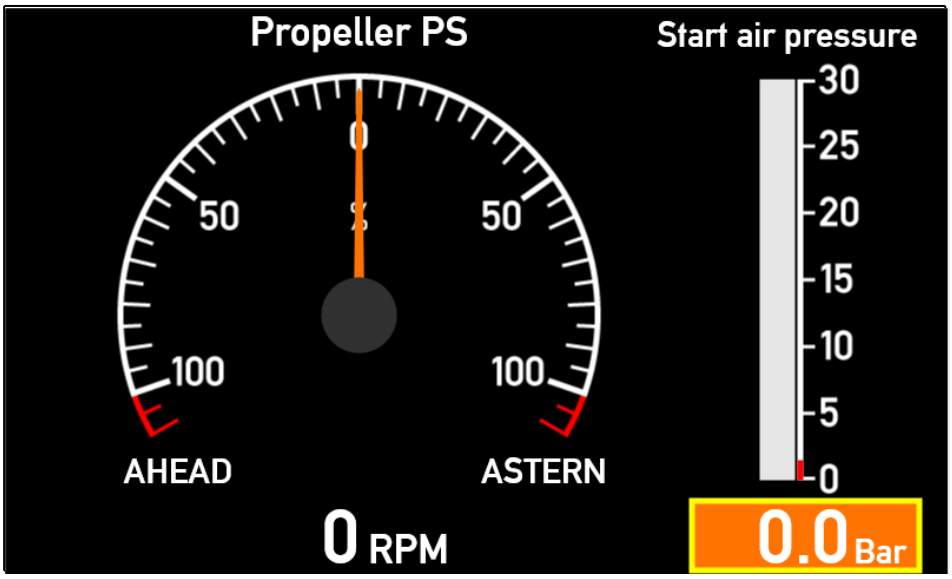
VI-setup profiles (VS) for VI028

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**XDi-net** RPM: 0x3081:02 RPM%: 3091:02 Start air pressure: 0x3301:02 Resolution 0.1 Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500)		
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 Def. 100% =2987 RPM Air pressure received in 0x18B Byte 0 and 1 resolution 0.1 Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500)		

VI-setup profiles (VS) for VI028

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) Def. 100% =2727 RPM Pressure: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500) TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) Def. 100% =2987 RPM **Start Air pressure: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500) **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO 0x183 (res. 0.1) Def. 100% =2987 RPM Start Air pressure: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500)		

VI 029 **RPM + Start air AFT**



Description : **RPM+Start air pressure AFT**

With low pressure warning,
adjustable from User menu

Status :

VI Notes :

VI-setup profiles (VS) for VI029

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**XDi-net** RPM: 0x3081:02 RPM%: 3091:02 Start air pressure: 0x3301:02 Resolution 0.1 Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500)		
2	VS02 TPDO	**Input TPDO** or XDi-net PPM received in TPDO 0x183 Byte 0 and 1 resolution 0.1 Def. 100% =2987 RPM Air pressure received in 0x18B Byte 0 and 1 resolution 0.1 Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500)		

VI-setup profiles (VS) for VI029

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) Def. 100% =2727 RPM Pressure: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500) TPDO output for RPM can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		
4	VS04 RPM Pickup	**RPM Pickup** Required: AX1 in slot 1 and DX1 in Slot 2 **RPM: DX1** S2i1: (+term11, -term10) S2i2: (+term8, -term7) Default scaling 10 pulses per rev. (1000 pulses per 100 revolutions) Def. 100% =2987 RPM **Start Air pressure: AX1** S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500) **TPDO output for RPM** can be activated from Output menu: RPM: 0x183 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		
5	VS05 Analogue Set	**Analogue Set** Required: AX1 in Slot 1 RPM: TPDO 0x183 (res. 0.1) Def. 100% =2987 RPM Start Air pressure: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA Low pres. warning def.: 5 Bar (0.01 resolution) (Warning marks=>Press. T1 1: max = 500)		