XDi 96 Dual

Universal w/scale

Library owner: DEIF STANDARD LIB

Library number: 52

Library version: 2004

Table of Contents

Library description :
Collection of universal indicators with analogue scales and needle pointers. Texts such as headline, labels and units can be selected or new entered from the XDi installation menu. The input types can be selected via VS profiles and the input signals can be adjusted and rescaled via the XDi installation menu system. Indicators in this library is highly configurable and cannot be Wheel-marked, but they can be used for ships applications where Wheel-mark is not required, either as secondary indicators or for indications not covered by MED. They can of cause also be used for other purposes then marine.

Library status symbols :	
	Released & Locked
	Approved
	Pending
	Draft
	Not approved

Timestamp 08-02-2023 15:33:56

Library Specification

Library owner no. :	000001
Library owner name :	DEIF STANDARD LIB
Product type :	XDi 96
Performance class :	Dual
Library number :	52
Library name :	Universal w/scale
Library orientation :	Landscape
Library status :	Released & Locked
Library version :	2004
Last changed :	08-02-2023 15:33:55

Library default settings :

180 display rotation :	False
CAN NodeID :	30

Library notes :

08-02-2023/MAP, Ver. 2004: 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.

24-01-2023/JOL, Ver.2003: VS help text for AX1: input lost <3.5mA is changed to "AX1 inp. lost below 3.5mA" to get it presented correkt is the PDF document.
.....
07-05-2020/JOL, ver.2002: New analogue input lost function is added to all 4-20mA inputs and new
main software with display colour adjust function is added.
.....
27-09-2019/JOL: Ver.2001 Added 8 new VI's for respectively 0-100%, +/-100% , 0-120% and +/-120% scales. and all with
either 1 or 0.1 resolution digital readout.
The library has not yet been used, so the indicators are reordered starting with 100% types.
.....
25-09-2019/JOL: Ver.2000 First released version including VI001 to VI004.

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	**Dim front/ XDi-net** XDi-net or via front buttons (Requires 4 button kit) XDi-net active **Default settings:** Dimmer group 1 Dimming via XDi-net Auto Day/Night Shift at 70% Monitoring supply volt. 1	🔒	CANbus and Dimmer settings can be changed from XDi menu With the 4-button front kit mounted (accessory) dimmer up/down can be controlled from front button 2 and 3.
2	PP02 Analogue	**A Dimmer** Required: AX1 in Slot 1 Dim 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 volt.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 Front buttons can be used for dimmer. **Default settings:** Dimmer group 1 Auto Day/Night Shift at 70% Monitoring supply volt. 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 volt. 1	🔒	Digital input configuration can be changed from menu.

PP No.	PP Name	Description	Status	Notes
5	PP05 Lo Analog	**Analogue Dimmer Local** Required: AX1 in Slot 1 Dim 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 volt. 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 ECR Fixed	**ECR Fixed Dimmer** Dimming adjust via front buttons or in user menu. **Default settings:** Dimmer group Local Fixed dimmer level 80% Higher constant backlight level reduce lifetime (Local-Not shared XDi-net) Auto Day/Night Shift at 20% Monitoring supply volt. 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.

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VI No.	Name	VI-setup profiles (VS)	Approvals	Status
001	Uni 100% Dig 1 res.	4		
002	Uni 100% Dig 0.1 res.	4		
003	Uni+/-100% Dig 1 res.	4		
004	Uni+/-100% Dig 0.1 res.	4		
005	Uni 110% Dig 1 res.	4		
006	Uni 110% Dig 0.1 res.	4		
007	Uni+/-110% Dig 1 res.	4		
008	Uni+/-110% Dig 0.1 res.	4		
009	Uni 120% Dig 1 res.	4		
010	Uni 120% Dig 0.1 res.	4		
011	Uni+/-120% Dig 1 res.	4		
012	Uni+/-120% Dig 0.1 res.	4		

Approvals only apply for XDi 192.

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VI 001 **Uni 100% Dig 1 res.**

Description : **Universal 100%**

Digital resolution 1
Configurable indicator

Headline, labels and Unit
Data1: 0-100% (0.1% res.)
Data2: +/-3275 digital

Status :

VI Notes : This indicator can be used for different applications .where digital readout needs resolution 1.
In the XDi installation menu: Edit virtual indicator / text and units, you can select a predefined headline, label1, label2 and unit or you can enter a new text from the virtual keyboard.
You can also make any of the texts invisible.
Select the VS input profile that match the input configuration you need.
In the Installation menu/Adjust input you can rescale the input values to match your application.

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02	🔒	This profile can be used if another XDi transmits input data from analogue input(s) on XDi-net. Note that only one XDi must act as data sourceuse of data1 (instance1) and data2 (instance 2). If more XDi units with AX1 modules is on the same CAN bus then a custom library or an extension to this standard library is required.
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed 0 to 1000 (= 0 to 100.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)	🔒	This profile can be used in a CANopen system where data is transmitted in TPDO's. Via the XDi installation menu/Adjust input, you can change the default TPDO COB-ID and Input values in a TPDO can be rescaled. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 Default setting: **Data1(%):** Scaled from Data2 0%=0 and 100%=9000 **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= 0 20mA = 9000 (=900.0) Data on XDi-net CAN1+2 IAX1 inp. lost below 3.5mA	🔒	This profile use one analogue input to generate the % value and also the digital data value. The digital value can be an actual data value for example kW or it can be scaled to show the % value. In the installation menu/ Adjust input, you can change the default input scaling, both for the digital value and also the % value on the round indicator scale. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 **Data1(%):** AX1 S1in1: 4-20mA (+term.9, -term.8) 4mA=0 20mA=1000 (100.0%) **Data2:** AX1 S1in2: 4-20mA (+term.5, -term.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		This profile use 2 analogue input to generate the % value and the digital data value. The digital value can be an actual data value for example kW or it can be scaled to show a % value. By using the 2 selectable labels it is possible to show 2 different types of data in the same indicator. In the installation menu/ Adjust input, you can change the default input scaling, both for the digital value and also the % value on the round indicator scale. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0

VI 002 **Uni 100% Dig 0.1 res.**

Description : **Universal 100%**

Digital resolution 0.1
Configurable indicator

Headline, labels and Unit
Data1: 0-100% (0.1% res.)
Data2: +/-3275.0 digital

Status :

VI Notes : This indicator can be used for different applications where digital readout needs resolution 0.1.
In the XDi installation menu: Edit virtual indicator / text and units, you can select a predefined headline, label1, label2 and unit or you can enter a new text from the virtual keyboard.
You can also make the text invisible.
Select the VS input profile that match the input configuration you need.
In the Installation menu/Adjust input you can rescale the input values to match your application.

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		This profile can be used if another XDi transmits input data from analogue input(s) on XDi-net. Note that only one XDi must act as data sourceuse of data1 (instance1) and data2 (instance 2). If more XDi units with AX1 modules is on the same CAN bus then a custom library or an extension to this standard library

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed 0 to 1000 (= 0 to 100.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)		This profile can be used in a CANopen system where data is transmitted in TPDO's. Via the XDi installation menu/Adjust input, you can change the default TPDO COB-ID and Input values in a TPDO can be rescaled. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 Default setting: **Data1(%):** Scaled from Data2 0%=0 and 100%=9000 **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= 0 20mA = 9000 (=900.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		This profile use one analogue input to generate the % value and also the digital data value. The digital value can be an actual data value for example kW or it can be scaled to show the % value. In the installation menu/ Adjust input, you can change the default input scaling, both for the digital value and also the % value on the round indicator scale. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 **Data1(%):** AX1 S1in1: 4-20mA (+term.9, -term.8) 4mA=0 20mA=1000 (100.0%) **Data2:** AX1 S1in2: 4-20mA (+term.5, -term.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		This profile use 2 analogue input to generate the % value and the digital data value. The digital value can be an actual data value for example kW or it can be scaled to show a % value. By using the 2 selectable labels it is possible to show 2 different types of data in the same indicator. In the installation menu/ Adjust input, you can change the default input scaling, both for the digital value and also the % value on the round indicator scale. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0

VI 003 **Uni+/-100% Dig 1 res.**

Description : **Universal +/-100%**

Digital resolution 1
Configurable indicator

Headline, labels and Unit
Data1: +/-100% (0.1% res.)
Data2: +/-3275 digital

Status :

VI Notes : This indicator can be used for different applications, where digital readout needs resolution 1.
In the XDi installation menu: Edit virtual indicator / text and units, you can select a predefined headline, label1, label2, Label3 and unit or you can enter a new text from the virtual keyboard.
You can also make any of the texts invisible.
Select the VS input profile that match the input configuration you need.
In the Installation menu/Adjust input you can rescale the input values to match your application.

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		This profile can be used if another XDi transmits input data from analogue input(s) on XDi-net. Note that only one XDi must act as data sourceuse of data1 (instance1) and data2 (instance 2). If more XDi units with AX1 modules is on the same CAN bus then a custom library or an extension to this standard library

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed +/-1000 (= +/-100.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)		This profile can be used in a CANopen system where data is transmitted in TPDO's. Via the XDi installation menu/Adjust input, you can change the default TPDO COB-ID and Input values in a TPDO can be rescaled. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 Default setting: **Data1(%):** Scaled from Data2 -100%=-9000, 100%=9000 **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= -9000 (=-900.0) 12mA=0 20mA = 9000 (=900.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		This profile use one analogue input to generate the % value and also the digital data value. The digital value can be an actual data value for example kW or it can be scaled to show the % value. In the installation menu/ Adjust input, you can change the default input scaling, both for the digital value and also the % value on the round indicator scale. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=-1000 (-100.0%) 12mA=0 20mA=1000 (100.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		This profile use 2 analogue input to generate the % value and the digital data value. The digital value can be an actual data value for example kW or it can be scaled to show a % value. By using the 2 selectable labels it is possible to show 2 different types of data in the same indicator. In the installation menu/ Adjust input, you can change the default input scaling, both for the digital value and also the % value on the round indicator scale. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0 Input lost detection <3.5mA

VI 004 **Uni+/-100% Dig 0.1 res.**

Description : **Universal +/-100%**

Digital resolution 0.1
Configurable indicator

Headline, labels and Unit
Data1: +/-100% (0.1% res.)
Data2: +/-3275 digital

Status :

VI Notes : This indicator can be used for different applications, where digital readout needs resolution 0.1.
In the XDi installation menu: Edit virtual indicator / text and units, you can select a predefined headline, label1, label2, Label 3 and unit or you can enter a new text from the virtual keyboard.
You can also make any of the texts invisible.
Select the VS input profile that match the input configuration you need.
In the Installation menu/Adjust input you can rescale the input values to match your application.

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		This profile can be used if another XDi transmits input data from analogue input(s) on XDi-net. Note that only one XDi must act as data sourceuse of data1 (instance1) and data2 (instance 2). If more XDi units with AX1 modules is on the same CAN bus then a custom library or an extension to this standard library

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed +/-1000 (= +/-100.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)	🔒	This profile can be used in a CANopen system where data is transmitted in TPDO's. Via the XDi installation menu/Adjust input, you can change the default TPDO COB-ID and Input values in a TPDO can be rescaled. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 **Data1(%):** Scaled from Data2 -100%=-9000, 100%=9000 **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= -9000 (=-900.0) 12mA=0 20mA = 9000 (=900.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA	🔒	This profile use one analogue input to generate the % value and also the digital data value. The digital value can be an actual data value for example kW or it can be scaled to show the % value. In the installation menu/ Adjust input, you can change the default input scaling, both for the digital value and also the % value on the round indicator scale. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=-1000 (-100.0%) 12mA=0 20mA=1000 (100.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA	🔒	This profile use 2 analogue input to generate the % value and the digital data value. The digital value can be an actual data value for example kW or it can be scaled to show a % value. By using the 2 selectable labels it is possible to show 2 different types of data in the same indicator. In the installation menu/ Adjust input, you can change the default input scaling, both for the digital value and also the % value on the round indicator scale. Please note that XDi use 0.1 internal data resolution. for example internal 1000 = 100.0 Input lost detection <3.5mA

VI 005 **Uni 110% Dig 1 res.**

Description : **Universal 110%**

Digital resolution 1
Configurable indicator

Headline, labels and Unit
Data1: 0-110% (0.1% res.)
Data2: +/-3275 digital

Status :

VI Notes : See similar note in VI001

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		See similar VS note in VI001

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed 0 to 1100 (= 0 to 110.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)		See similar VS note in VI001
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 Default setting: **Data1(%):** Scaled from Data2 0%=0 and 100%=9000 (110%=9900) **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= 0 20mA = 9900 (=990.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		See similar VS note in VI001
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 Default setting: **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=0 20mA=1100 (110.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		See similar VS note in VI001 Input lost detection <3.5mA

VI 006 **Uni 110% Dig 0.1 res.**

Description : **Universal 110%**

Digital resolution 0.1
Configurable indicator

Headline, labels and Unit
Data1: 0-110% (0.1% res.)
Data2: +/-3275.0 digital

Status :

VI Notes : See similar note in VI002

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		See similar VS note in VI002

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed 0 to 1100 (= 0 to 110.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)	🔒	See similar VS note in VI002
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 Default setting: **Data1(%):** Scaled from Data2 0%=0 and 100%=9000 (110%=9900) **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= 0 20mA = 9900 (=990.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA	🔒	See similar VS note in VI002
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 Default setting: **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=0 20mA=1100 (110.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA	🔒	See similar VS note in VI002 Input lost detection <3.5mA

VI 007 **Uni+/-110% Dig 1 res.**

Description : **Universal +/-110%**

Digital resolution 1
Configurable indicator

Headline, labels and Unit
Data1: +/-110% (0.1% res.)
Data2: +/-3275 digital

Status :

VI Notes : See similar note in VI003

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		See similar VS note in VI003

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed +/-1100 (= +/-110.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)		See similar VS note in VI003
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 **Data1(%):** Scaled from Data2 -100%=-9000, 100%=9000 (110%=9900) **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= -9900 (=-990.0) 12mA=0 20mA = 9900 (=990.0) Data on XDi-net CAN1+2 AX1in2: 4-20mA (+t.5, -t.4)		See similar VS note in VI003
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=-1100 (-110.0%) 12mA=0 20mA=1100 (110.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1in2: 4-20mA (+t.5, -t.4)		See similar VS note in VI003 Input lost detection <3.5mA

VI 008 **Uni+/-110% Dig 0.1 res.**

Description : **Universal +/-110%**

Digital resolution 0,1
Configurable indicator

Headline, labels and Unit
Data1: +/-110% (0.1% res.)
Data2: +/-3275.0 digital

Status :

VI Notes : See similar note in VI004

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		See similar VS note in VI004

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed +/-1100 (= +/-110.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)		See similar VS note in VI004
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 **Data1(%):** Scaled from Data2 -100%=-9000, 100%=9000 (110%=9900) **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= -9900 (=-990.0) 12mA=0 20mA = 9900 (=990.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		See similar VS note in VI004
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=-1100 (-110.0%) 12mA=0 20mA=1100 (110.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		See similar VS note in VI004 Input lost detection <3.5mA

VI 009 **Uni 120% Dig 1 res.**

Description : **Universal 120%**

Digital resolution 1
Configurable indicator

Headline, labels and Unit
Data1: 0-120% (0.1% res.)
Data2: +/-3275 digital

Status :

VI Notes : See similar note in VI001

VI-setup profiles (VS) for VI009

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		See similar VS note in VI001

VI-setup profiles (VS) for VI009

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed 0 to 1200 (= 0 to 120.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)	🔒	See similar VS note in VI001
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 Default setting: **Data1(%):** Scaled from Data2 0%=0 and 100%=2000 (120%=2400) **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= 0 20mA = 2400 (=240.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA	🔒	See similar VS note in VI001
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 Default setting: **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=0 20mA=1200 (120.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA	🔒	See similar VS note in VI001 Input lost detection <3.5mA

VI 010 **Uni 120% Dig 0.1 res.**

Description : **Universal 120%**

Digital resolution 0.1
Configurable indicator

Headline, labels and Unit
Data1: 0-120% (0.1% res.)
Data2: +/-3275.0 digital

Status :

VI Notes : See similar note in VI002

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		See similar VS note in VI002

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed 0 to 1200 (= 0 to 120.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)	🔒	See similar VS note in VI002
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 Default setting: **Data1(%):** Scaled from Data2 0%=0 and 100%=2000 (120%=2400) **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= 0 20mA = 2400 (=240.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA	🔒	See similar VS note in VI002
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 Default setting: **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=0 20mA=1200 (120.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA	🔒	See similar VS note in VI002 Input lost detection <3.5mA

VI 011 **Uni+/-120% Dig 1 res.**

Description : **Universal +/-120%**

Digital resolution 1
Configurable indicator

Headline, labels and Unit
Data1: +/-120% (0.1% res.)
Data2: +/-3275 digital

Status :

VI Notes : See similar note in VI003

VI-setup profiles (VS) for VI011

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		See similar VS note in VI003

VI-setup profiles (VS) for VI011

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed +/-1200 (= +/-120.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)		See similar VS note in VI003
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 **Data1(%):** Scaled from Data2 -100%=-2000, 100%=2000 (120%=2400) **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= -2400 (=-240.0) 12mA=0 20mA = 2400 (=240.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		See similar VS note in VI003
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=-1200 (-120.0%) 12mA=0 20mA=1200 (120.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		See similar VS note in VI003 Input lost detection <3.5mA

VI 012 **Uni+/-120% Dig 0.1 res.**

Description : **Universal +/-120%**

Digital resolution 0.1
Configurable indicator

Headline, labels and Unit
Data1: +/-120% (0.1% res.)
Data2: +/-3275.0 digital

Status :

VI Notes : See similar note in VI004

VI-setup profiles (VS) for VI012

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**Input XDi-net** The input for % and digital readout are received via XDi-net **Date1(%):** Universal parameter index 0x3701:02 **Date2:** Universal parameter index 0x3702:02		See similar VS note in VI004

VI-setup profiles (VS) for VI012

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**Input TPDO** The input for % and digital readout are received via TPDO (or via XDi-net) Default settings: **Date1(%):** TPDO 0x183, 16bit signed +/-1200 (= +/-120.0%) **Date2:** TPDO 0x184, 16bit signed +/-32750 (=+/-3275.0)		See similar VS note in VI004
3	VS03 Analog1	**Analogue in1** Required: AX1 in Slot 1 **Data1(%):** Scaled from Data2 -100%=-2000, 100%=2000 (120%=2400) **Data2:** AX1 S1in1: 4-20mA (+term9, -term8) 4mA= -2400 (=-240.0) 12mA=0 20mA = 2400 (=240.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		See similar VS note in VI004
4	VS04 Analog2	**Analogue in2** Required: AX1 in Slot 1 **Data1(%):** AX1in1: 4-20mA (+t.9, -t.8) 4mA=-1200 (-120.0%) 12mA=0 20mA=1200 (120.0%) **Data2:** AX1in2: 4-20mA (+t.5, -t.4) 4mA= -10000 (=-1000.0) 12mA = 0 20mA =10000 (=+1000.0) Data on XDi-net CAN1+2 AX1 inp. lost below 3.5mA		See similar VS note in VI004 Input lost detection <3.5mA