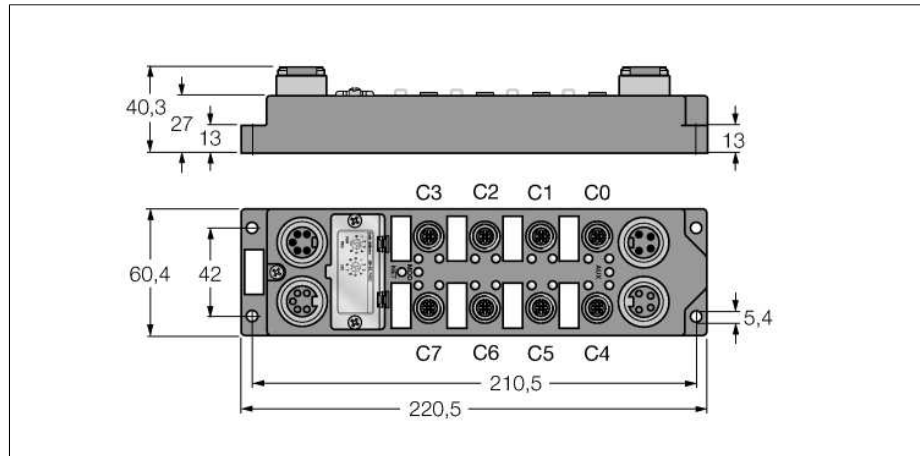


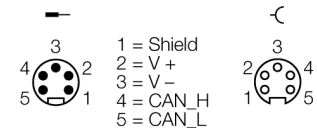
**Compact I/O module for DeviceNet™**  
**16 configurable digital channels**  
**pnp inputs / outputs 0.5 A**  
**FDNP-XSG16-TT**

- 16 configurable digital channels
- Short-circuit monitoring
- Module-related diagnostics
- Two channel per connector
- Separate actuator power supply
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connector
- Protection class IP67

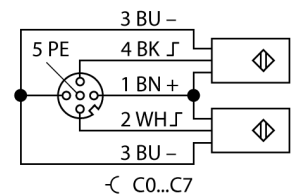


<b>Type code</b>	FDNP-XSG16-TT
<b>Ident no.</b>	6603323
<b>Operating / load voltage</b>	11...26 VDC
<b>Operating current</b>	< 75 mA
<b>Voltage supply connection</b>	2 x 7/8"
<b>Fieldbus transmission rate</b>	125...500 kbps
<b>Fieldbus addressing</b>	0...63 (decimal) via coded rotary switches
<b>Inputs</b>	
Number of channels	(16) 3-wire pnp sensors
Input voltage	13...26 VDC
Supply current	< 700 mA per module, short-circuit proof
Switching threshold	EN 61131-3
Input delay	low max.: 1.5 mA / high min.: 2 mA
Switching frequency	2.5 ms
Max. input current	≤ 100 Hz
Electrical isolation	7 mA
	galvanic isolation against the bus
<b>Outputs</b>	
Number of channels	(16) DC actuators
Output voltage	24 VDC
Output current per channel	0.5 A, short-circuit proof
Load type	resistive, inductive, lamp load
Switching frequency	≤ 100 Hz
Simultaneity factor	1
Electrical isolation	galvanic isolation against the bus
<b>Sensor supply</b>	
Actuator power supply	bus connection separate (Aux)
<b>Electrical isolation</b>	to operating and load voltage
<b>Dimensions (W x L x H)</b>	60.4x220.5x27mm
Housing material	fibre-glass reinforced Polyamide (PA6-GF30)
Mounting	4 mounting holes Ø 5,4 mm
Operating temperature	-40...+70 °C
Protection class	IP67
Approvals	CE, UL, CSA, FM

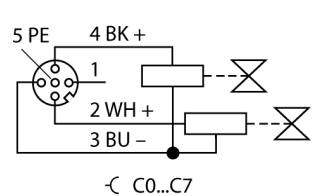
**Fieldbus**



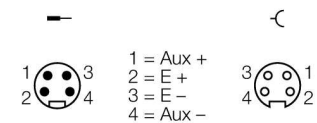
**input M12 x 1**



**Output M12 x 1**



**Power supply 7/8"**



**Compact I/O module for DeviceNet™**  
**16 configurable digital channels**  
**pnp inputs / outputs 0.5 A**  
**FDNP-XSG16-TT**

**Data in process image**

C1P4: Male Connector 1, 4-pole

IGS: Wire-break/ short circuit - group signal

OGS: Short-circuit - group signal

		Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
<b>Input</b>	<b>Byte 0</b>	C3P2	C3P4	C2P2	C2P4	C1P2	C1P4	C0P2	C0P4
	<b>Byte 1</b>	C7P2	C7P4	C6P2	C6P4	C5P2	C5P4	C4P2	C4P4
	<b>Byte 2</b>	IGS	OGS	-	-	-	-	-	-
<b>Output</b>	<b>Byte 0</b>	C3P2	C3P4	C2P2	C2P4	C1P2	C1P4	C0P2	C0P4
	<b>Byte 1</b>	C7P2	C7P4	C6P2	C6P4	C5P2	C5P4	C4P2	C4P4