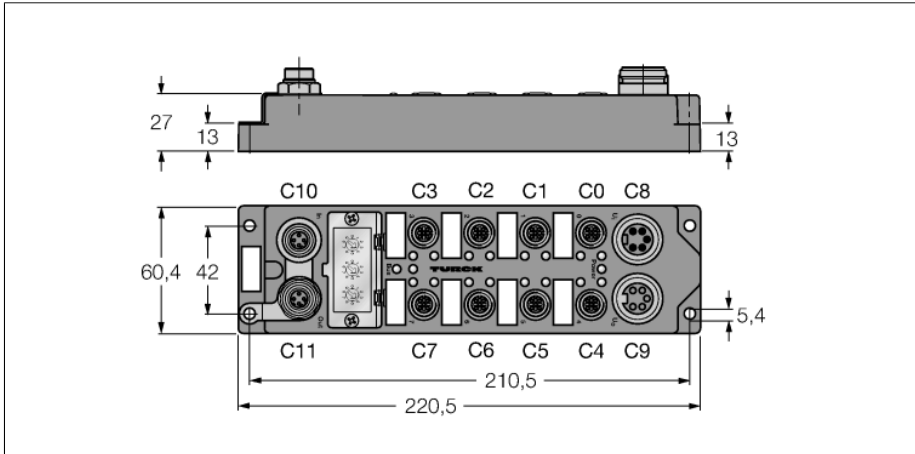


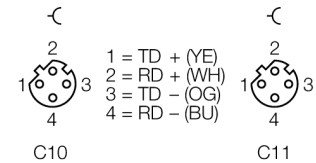
Compact fieldbus I/O modules for PROFINET
16 configurable digital channels
pnp inputs / outputs 1.4 A
FXEN-XSG16-0001-PN

- 16 configurable digital channels
- For PROFINET applications
- Integrated Ethernet switch
- Supported via FDT/DTM
- Input diagnostics per slot
- Output diagnostics per channel
- Two channels per connector
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connector
- Protection class IP67

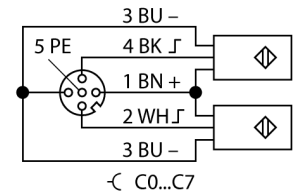


Type code	FXEN-XSG16-0001-PN
Ident no.	6825417
Operating / load voltage	18...30 VDC
Operating current	< 75 mA
Voltage supply connection	2 x 7/8"
Transmission rate Ethernet	10 Mbps / 100 Mbps
Addressing modes Ethernet:	BOOTP, DHCP, PGM, PROFINet, BOOTP-safe
Inputs	
Number of channels	(16) 3-wire pnp sensors
Input voltage	18...30 VDC via operating voltage
Supply current	< 120 mA per channel, short-circuit proof
Switching threshold	2 mA / 4 mA
Input delay	2.5 ms
Max. input current	7 mA
Electrical isolation	galvanic isolation against Ethernet
Outputs	
Number of channels	(16) DC actuators
Output voltage	18...30 VDC from load voltage
Output current per channel	1.4 A, short-circuit proof
Load type	resistive, inductive, lamp load
Simultaneity factor	0.4
Electrical isolation	galvanic isolation against Ethernet
Electrical isolation	to operating and load voltage
Dimensions (W x L x H)	60.4x220.5x27mm
Housing material	fibre-glass reinforced Polyamide (PA6-GF30)
halogen-free	yes
Mounting	4 mounting holes Ø 5,4 mm
Operating temperature	0...+55 °C
Storage temperature	-25 ...+70 °C
Vibration test	as per EN 60068-2-6
Shock test	as per EN 60068-2-27
Electro-magnetic compatibility	according to EN 61000-6-2/EN 61000-6-4
Protection class	IP67
MTTF	70 years acc. to SN 29500 (Ed. 99) 20°C
Approvals	CE, cULus

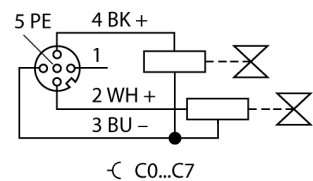
Ethernet M12 x 1



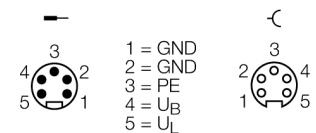
input M12 x 1



Output M12 x 1



Power supply 7/8"



Compact fieldbus I/O modules for PROFINET
16 configurable digital channels
pnp inputs / outputs 1.4 A
FXEN-XSG16-0001-PN

Data in process image

C1P4: Male Connector 1, 4-pole

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