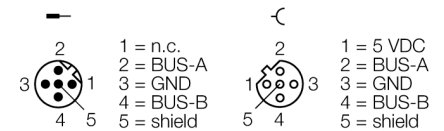


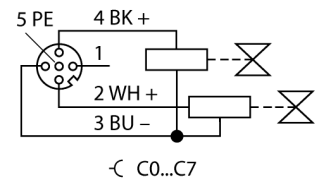
**Fieldbus I/O module PROFIBUS-DP**  
**16 digital outputs 0.5 A**  
**FLDP-OM16-0001**

- Two outputs per connector
- Module-related diagnostics
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connector
- Protection class IP67

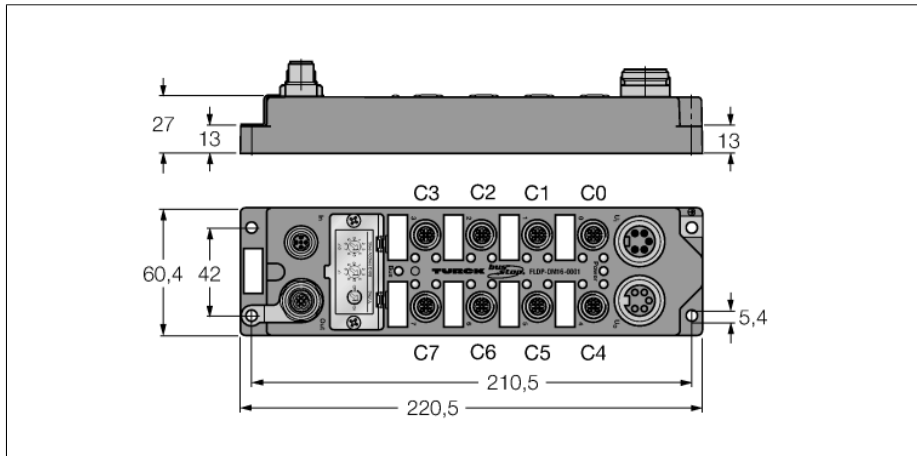
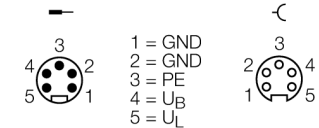
**Fieldbus M12 x 1**



**Output M12 x 1**



**Power supply 7/8"**



<b>Type code</b>	FLDP-OM16-0001
Ident no.	6825327
<b>Operating / load voltage</b>	18...30 VDC
Voltage supply connection	2 x 7/8"
<b>Fieldbus transmission rate</b>	9.6 kbps ... 12 Mbps
Fieldbus addressing	0 ... 99 (decimal) via two coded rotary switches
Diagnostics	Load voltage diagnostics, switched on/off via rotary switch
<b>Outputs</b>	
Number of channels	(16) DC actuators
Output voltage	18...30 VDC from load voltage
Output current per channel	0.5 A, short-circuit proof
Load type	resistive, inductive, lamp load
Switching frequency	≤ 250 Hz
Simultaneity factor	1
Electrical isolation	galvanic isolation against the bus
<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)
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
Approvals	CE, cULus
UL conditions	pol. deg.2, env. temp. max. 40 °C, cl.2 ps req.

**Fieldbus I/O module PROFIBUS-DP**  
**16 digital outputs 0.5 A**  
**FLDP-OM16-0001**



**Data in process image**

C1P4: Male Connector 1, 4-pole

UB: UB < 18 VDC

UL: UL < 18 VDC

		Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
<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
<b>Diagnostics</b>	<b>Byte 0</b>	-	-	-	-	-	UB	UL	-