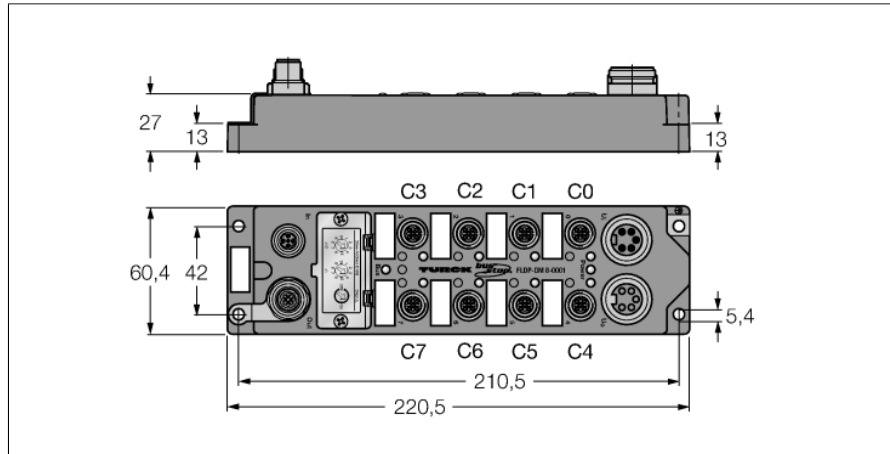


Fieldbus I/O module PROFIBUS-DP

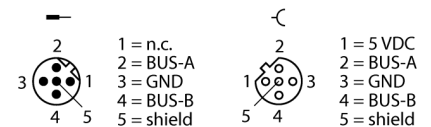
8 digital outputs 0.5 A

FLDP-OM8-0001



- One output per connector
- Module-related diagnostics
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connectors
- Degree of protection IP67

M12 × 1 Fieldbus



Type	FLDP-OM8-0001
ID	6825321

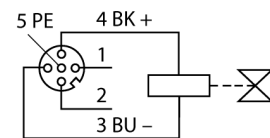
Number of channels	8
Operating / load voltage	18...30 VDC
Voltage supply connection	2 × 7/8"

Outputs	
Number of channels	(8) 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

Fieldbus transmission rate	9.6 kbps ... 12 Mbps
Fieldbus addressing	0 ... 99 (decimal) via two coded rotary switches
Electrical isolation	to operating and load voltage
Diagnostics	Load voltage diagnostics, switched on/off via rotary switch

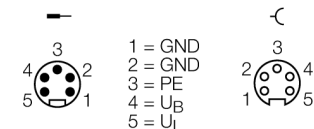
Dimensions (W x L x H)	60 x 220.5 x 27 mm
Housing material	fibre-glass reinforced Polyamide (PA6-GF30)
Halogen-free	yes
Mounting	4 mounting holes Ø 5,4 mm
Ambient temperature	0...+55 °C
Storage temperature	-25...+70 °C
Altitude	Max. 5000 m
Vibration test	Acc. to EN 60068-2-6
Shock test	Acc. to EN 60068-2-27
Electromagnetic compatibility	Acc. to EN 61000-6-2/EN 61000-6-4
Protection class	IP67
MTTF	204 years acc. to SN 29500 (Ed. 99) 20 °C
Approvals	CE, cULus
UL Certificate	pol. deg.2, env. temp. max. 40 °C, cl.2 ps req.

M12 × 1 Output



— C0...C7

7/8" Power Supply



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
Output	Byte 0	C7P4	C6P4	C5P4	C4P4	C3P4	C2P4	C1P4	C0P4
Diagnostics	Byte 0	-	-	-	-	-	UB	UL	-