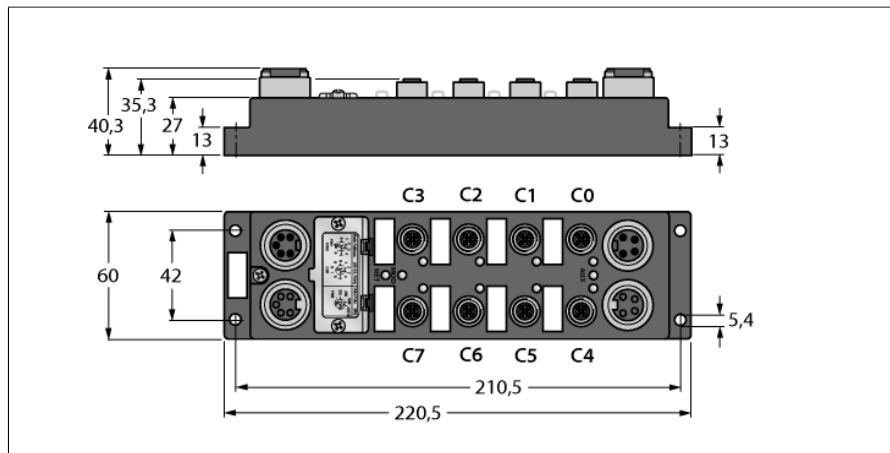


I/O Module for DeviceNet Fieldbus

4 digital npn/npn inputs

4 digital outputs 0.5 A

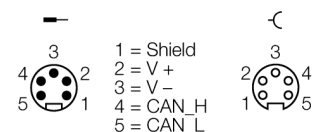
FDNP-L0404G-TT



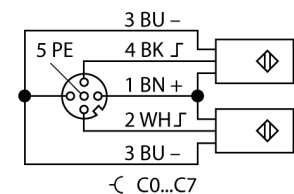
- 4 digital npn/npn inputs
- and 4 digital outputs, 24 VDC 0.5 A
- Wire-break monitoring
- Short-circuit monitoring
- Channel-related diagnostics
- One channel per connector
- Separate actuator power supply
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connectors
- Degree of protection IP67

Type	FDNP-L0404G-TT
ID	F0072
Number of channels	8
Operating / load voltage	11...26 VDC
Operating current	< 140 mA
Voltage supply connection	2 × 7/8"
Inputs	
Number of channels	(4) 3-wire npn/npn sensors
Input voltage	13...26 VDC
Supply current	< 80 mA per input, short-circuit proof
Switching threshold	EN 61131-3 low max.: 1.5 mA / high min.: 2 mA
Input delay	2.5 ms
Switching frequency	≤ 100 Hz
Max. input current	7 mA
Electrical isolation	Galvanic isolation against the bus
Outputs	
Number of channels	(4) 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
Sensor supply	bus connection
Actuator power supply	separate (Aux)
Fieldbus transmission rate	125/250/500 kbps
Fieldbus addressing	0...63 (decimal) via coded rotary switches

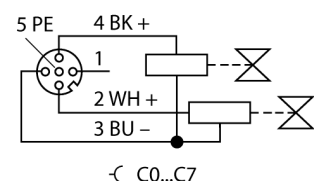
Fieldbus



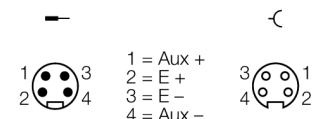
M12 × 1 Input



M12 × 1 Output



7/8" Power Supply



Dimensions (W x L x H)	60 x 220.5 x 27 mm
Housing material	fibre-glass reinforced Polyamide (PA6-GF30)
Mounting	4 mounting holes Ø 5,4 mm
Ambient temperature	-25...+70 °C
Protection class	IP67
MTTF	142 years acc. to SN 29500 (Ed. 99) 20 °C
Approvals	CE, UL, CSA, FM

Data in process image

C1P4: Male Connector 1, 4-pole
APS: Auxiliary Status
ISS-3: Short-circuit channel 3
IOS-2: Wire-break channel 2:
OS: Output statues

		Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Input	Byte 0	-	-	-	-	C3P4	C2P4	C1P4	C0P4
	Byte 1	IOS-3	IOS-2	IOS-1	IOS-0	ISS-3	ISS-2	ISS-1	ISS-0
	Byte 2	OOS-3	OOS-2	OOS-1	OOS-0	OSS-3	OSS-2	OSS-1	OSS-0
	Byte 3	-	APS	-	-	-	-	-	-
Output	Byte 0	-	-	-	-	C7P4	C4P4	C5P4	C4P4