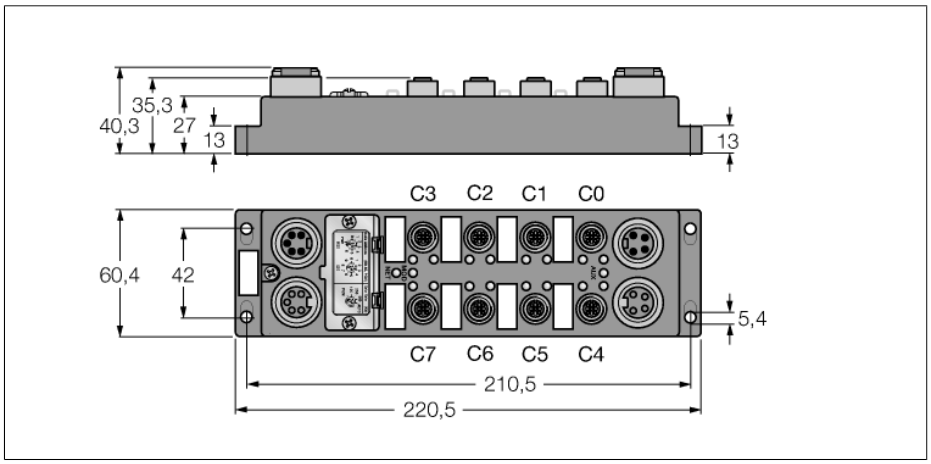
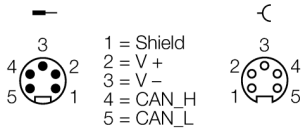
Compact I/O module for DeviceNet™
8 digital npn/pnp inputs
8 digital outputs 0.5 A
FDNP-L0808G-TT



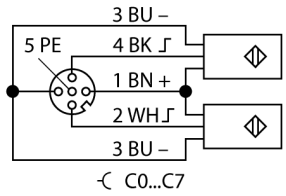
- **8 digital npn/pnp inputs**
- **and 8 digital outputs, 24 VDC 0.5 A**
- **Wire-break monitoring**
- **Short-circuit monitoring**
- **Channel-related diagnostics**
- **One channel per connector**
- **Separate actuator power supply**
- **Fibre-glass reinforced PA6 housing**
- **Vibration and shock-resistant**
- **Encapsulated module electronics**
- **Metal connector**
- **Protection class IP67**

Type code	FDNP-L0808G-TT
Ident no.	6602389
Operating / load voltage	11…26 VDC
Operating current	< 100 mA
Voltage supply connection	2 x 7/8"
Fieldbus transmission rate	125…500 kbps
Fieldbus addressing	0…63 (decimal) via coded rotary switches
Inputs	
Number of channels	(8) 3-wire npn/pnp 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	(8) 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)
Electrical isolation	to operating and load voltage
Dimensions (W x L x H)	60.4x220.5x27mm
Housing material	fibre-glass reinforced Polyamide (PA6-GF30)
Mounting	4 mounting holes Ø 5,4 mm
Operating temperature	-25…+70 °C
Protection class	IP67
Approvals	CE, UL, CSA, FM

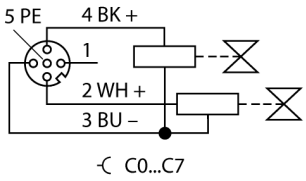
Fieldbus



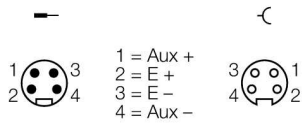
input M12 x 1



Output M12 x 1



Power supply 7/8"



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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**	C3P2	C3P4	C2P2	C2P4	C1P2	C1P4	C0P2	C0P4
	Byte 1	ISS-7	ISS-6	ISS-5	ISS-4	ISS-3	ISS-2	ISS-1	ISS-0
	Byte 2	IOS-7	IOS-6	IOS-5	IOS-4	IOS-3	IOS-2	IOS-1	IOS-0
	Byte 3	OS-7	OS-6	OS-5	OS-4	OS-3	OS-2	OS-1	OS-0
	Byte 4	–	APS	–	–	–	–	–	–
Output	**Byte 0**	C7P2	C7P4	C6P2	C6P4	C5P2	C5P4	C4P2	C4P4

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