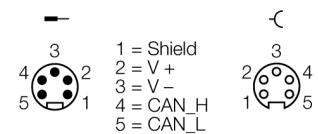


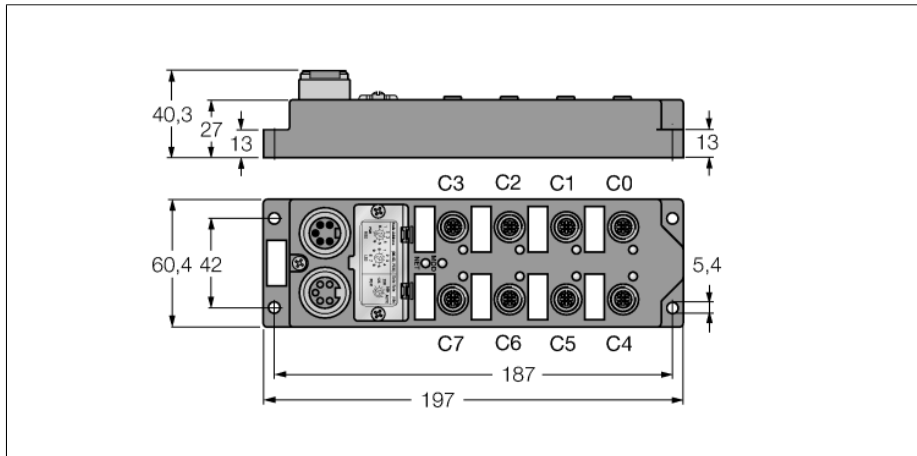
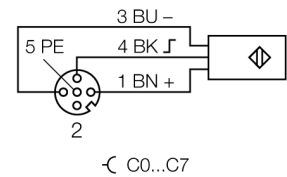
Compact I/O module for DeviceNet™
8 digital npn/pnp inputs
FDNL-L0800-T

- 8 digital npn/pnp inputs
- Wire-break monitoring
- Channel-related diagnostics
- One channel per connector
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connector
- Protection class IP67

Fieldbus



input M12 x 1



Type code	FDNL-L0800-T
Ident no.	6603335
Operating / load voltage	11...26 VDC
Operating current	< 100 mA
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
Sensor supply	bus connection
Electrical isolation	to operating and load voltage
Dimensions (W x L x H)	60.4x197x27mm
Housing material	fibre-glass reinforced Polyamide (PA6-GF30)
Mounting	4 mounting holes Ø 5,4 mm
Operating temperature	-25 bis 70 °C
Protection class	IP67
Approvals	CE, UL, CSA, FM

Compact I/O module for DeviceNet™
8 digital npn/pnp inputs
FDNL-L0800-T

TURCK

Industrial
Automation

Data in process image

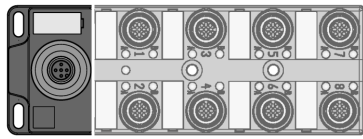
C1P4: Male Connector 1, 4-pole

ISS-3: Short-circuit channel 3

IOS-2: Wire-break channel 2:

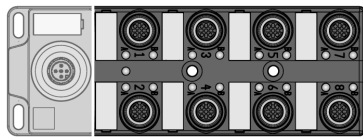
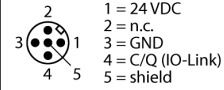
		Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Input	Byte 0	C7P4	C6P4	C5P4	C4P4	C3P4	C2P4	C1P4	C0P4
	Byte 1	ISS-7	ISS-6	ISS-5	ISS-4	ISS-3	ISS-2	ISS-1	ISS-0
	Byte 2	IOS-7	IOS-6	IOS-5	IOS-4	IOS-3	IOS-2	IOS-1	IOS-0

Compact I/O module for DeviceNet™
8 digital npn/pnp inputs
FDNL-L0800-T



Note
 Suitable IO-Link cables:
 2 m: RKC4.4T-2-RSC4.4T/TXL Ident no. 6625608
 5 m: RKC4.4T-5-RSC4.4T/TXL Ident no. 6625731
 10 m: RKC4.4T-10-RSC4.4T/TXL Ident no. 6627087
 Other lengths and types available on request or see catalog
 Suitable IO-Link master modules:
 SDPX-IOL4-0001 Ident no. 6825480
 Other lengths and types available on request or see catalog

Fieldbus M12 x 1



Note
 Suitable sensor supply cables:
 2 m: RSC4.4T-2/TXL Ident no. 6625527
 5 m: RSC4.4T-5/TXL Ident no. 6625528
 10 m: RSC4.4T-10/TXL Ident no. 6625529
 Other lengths and types available on request or see catalog
 Additional material:
 Closure cap VZ3 M12 Ident no. 8000004
 Labels KS9/20 Ident no. 8015002

Input M12 x 1

