Compact I/O station for DeviceNet
4 digital inputs, 4 configurable channels
FDN20-4S-4XSG-DIN

TURCK

Industrial
Automation

- **rotary coding switch for adjustment of the node address**
- **degree of protection IP20**
- **can be mounted on DIN rail**
- **4 digital inputs**
- **4 configurable channels, DI or DO**
- **24 VDC**
- **pnp**
- **Output current: 0.5 A**

Fieldbus
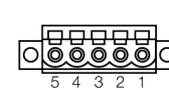
1 = BK (V –)
2 = BU (CAN L)
3 = Shield
4 = WH (CAN H)
5 = RD (V +)

5 4 3 2 1

Wiring diagram
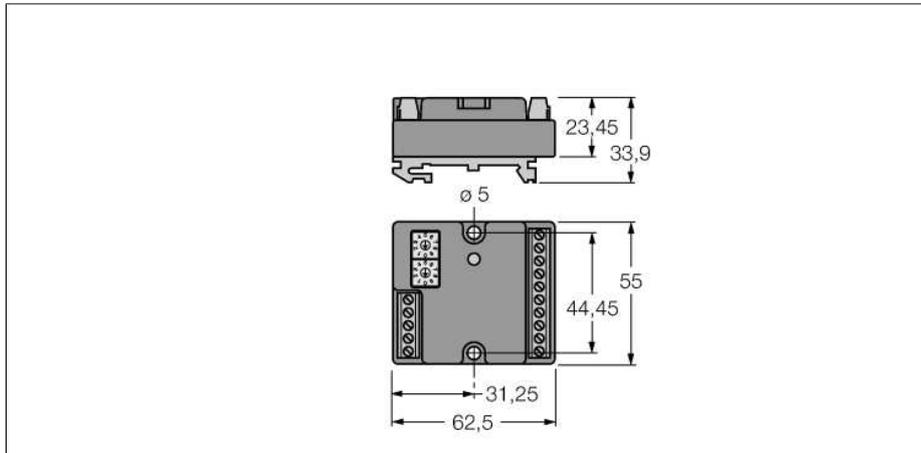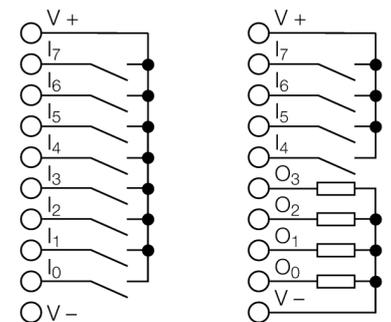
Type code	FDN20-4S-4XSG-DIN
Ident no.	6611377

Number of channels	8
internal power consumption	<50 mA plus I/O supply
Voltage supply via DeviceNet	24 VDC
Supply voltage	24 VDC
Admissible range field supply	11…26 VDC
Voltage supply connection	screw connection

Fieldbus transmission rate	125…500 kbps
Fieldbus addressing range	0...63
Fieldbus addressing	2 decimally coded rotary switches

Inputs	
Input voltage	11…26 VDC
Low level signal voltage	< 4 V
High level signal voltage	8…24 V
Low level signal current	< 0.5 mA
High level signal current	1…3.4 mA
Input delay	2.5 ms
Max. input current	Total: 700 mA

Output voltage	18…26 VDC, short-circuit proof
Output current per channel	0.5 A (from DeviceNet)
Switching frequency	≤ 100 Hz

LEDs Bus	green: Communication
	green flashing: Ready for communication
	red: No communication
	red flashing: Connection time-out

Dimensions (W x L x H)	55x62.5x23.5mm
Operating temperature	-40…70°C
Protection class	IP20
Approvals	CE, UL
UL conditions	pol. deg.2; surr. air temp. max. 40°C; cl.2 ps req.; tight. torque max. 0.56-0.79 Nm

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