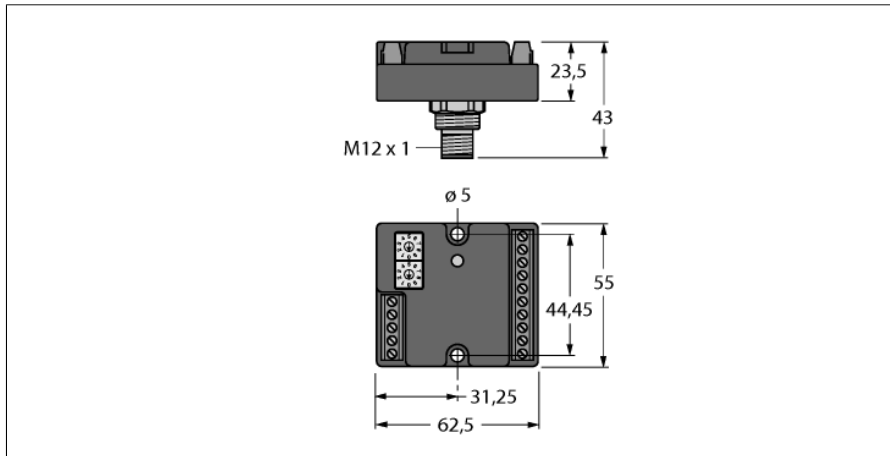


Compact I/O station for DeviceNet
4 Digital Inputs, 4 Universal Digital Channels
FDN20-4S-4XSG-E

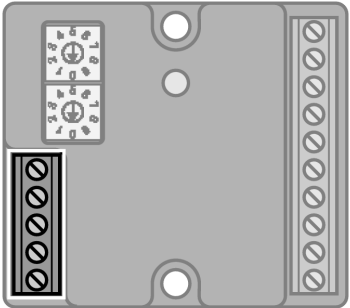
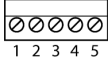
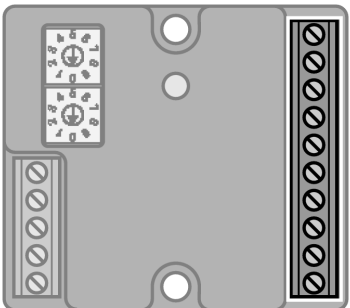
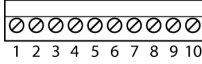
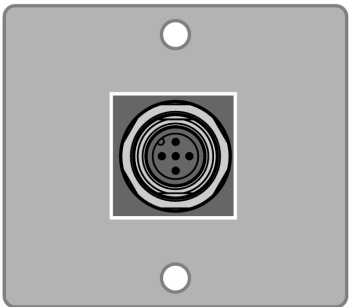
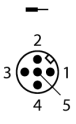


- DeviceNet slave
- 5-pin screw-clamp terminal block, for DeviceNet fieldbus connection
- Rotary coding switch for setting the DeviceNet address
- M12 built-in receptacle for easy mounting and connection to DeviceNet™
- 4 digital inputs
- 4 universal digital channels, DI / DO
- 24 VDC, PNP
- Output current: 0.5 A
- Protection class IP20

Type designation	FDN20-4S-4XSG-E
Ident no.	F0178
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
Power dissipation, typical	≤ 1.2 W
Voltage supply connection	Screw terminals or M12
Inputs	
Number of channels	8
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
Max. input current	Total: 700 mA
Outputs	
Number of channels	4
Output voltage	18...26 VDC
Output current per channel	0.5 A (from DeviceNet™)
Switching frequency	≤ 100 Hz
Short-circuit protection	yes
Fieldbus transmission rate	125/250/500 kbps
Fieldbus address range	0...63
Fieldbus addressing	2 decimally coded rotary switches
Dimensions (W x L x H)	55 x 62.5 x 23.5 mm
Housing material	Nylon
Ambient temperature	-40...+70 °C
Protection class	IP20
Approvals	CE, UL
UL Certificate	pol. deg.2; surr. air temp. max. 40°C; cl.2 ps req.; tight. torque max. 0.56-0.79 Nm

Compact I/O station for DeviceNet
4 Digital Inputs, 4 Universal Digital Channels
FDN20-4S-4XSG-E

Terminal assignment

	<p>DeviceNet and Power Supply Fieldbus cable (example): CBC5-572-2M (ident no. 6606065) or RKC5701-5M (ident no. 6931035)</p>	<p>Terminal Connection</p>  <p>1 = V + 2 = CAN_H 3 = SHD 4 = CAN_L 5 = V -</p>
	<p>I/O Channels</p>	<p>Terminal Connection</p>  <p>1 = V - 6 = I 4 2 = I/O 0 7 = I 5 3 = I/O 1 8 = I 6 4 = I/O 2 9 = I 7 5 = I/O 3 10 = V +</p>
	<p>DeviceNet and Power Supply Rear M12 connector for direct feeding through the cabinet wall. Fieldbus cable (example): RSC-RKC5701-2M (ident no. 6604833) or RSC-WKC5701-1M (ident no. 6931039)</p>	<p>Terminal Connection</p>  <p>1 = Shield 2 = RD (V +) 3 = BK (V -) 4 = WH (CAN H) 5 = BU (CAN L)</p>