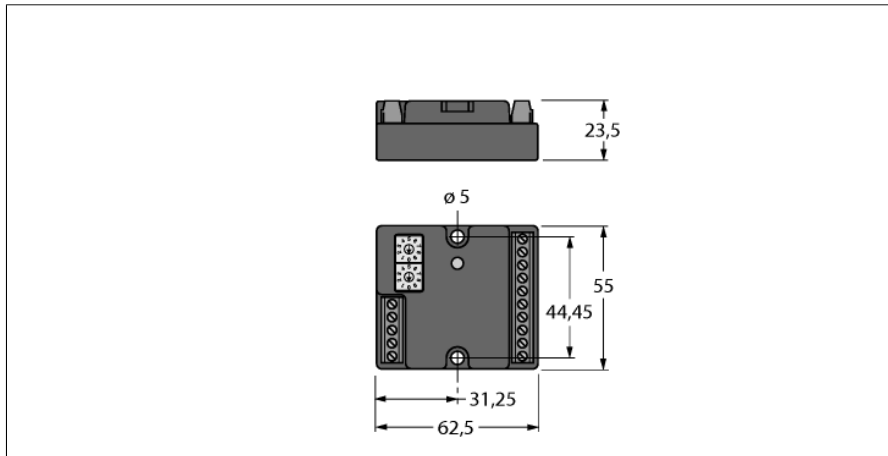


Compact I/O station for DeviceNet
4 digital inputs, 4 universal digital channels
FDN20-4S-4XSG



Industrial
Automation



- DeviceNet™ slave
- Screw-clamp terminal block, 5-pin, for DeviceNet™ fieldbus connection
- Rotary coding switch for setting the DeviceNet™ address
- 4 digital inputs
- 4 universal digital channels, DI / DO
- 24 VDC, PNP
- Output current: 0.5 A
- Degree of protection IP20

Type designation	FDN20-4S-4XSG
Ident-No.	6611359
Ident-No (TUSA)	F0177
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
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
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 23.5mm
Housing material	Nylon
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

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



Terminal assignment

	DeviceNet™ and Power Supply Fieldbus cable (example): CBC5-572-2M (ident no. 6606065) or RKC5701-5M (ident no. 6931035)	1 = V + 2 = CAN_H 3 = SHD 4 = CAN_L 5 = V -
	I/O Channels	1 = V - 2 = I/O 0 3 = I/O 1 4 = I/O 2 5 = I/O 3 6 = I 4 7 = I 5 8 = I 6 9 = I 7 10 = V +

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



Accessories

Type code	Ident-No.	Description	
FDN20-BKT-DIN	6931105	Mounting adapter for mounting of 8-channel Fxx20 modules on DIN rail (TS 35)	

