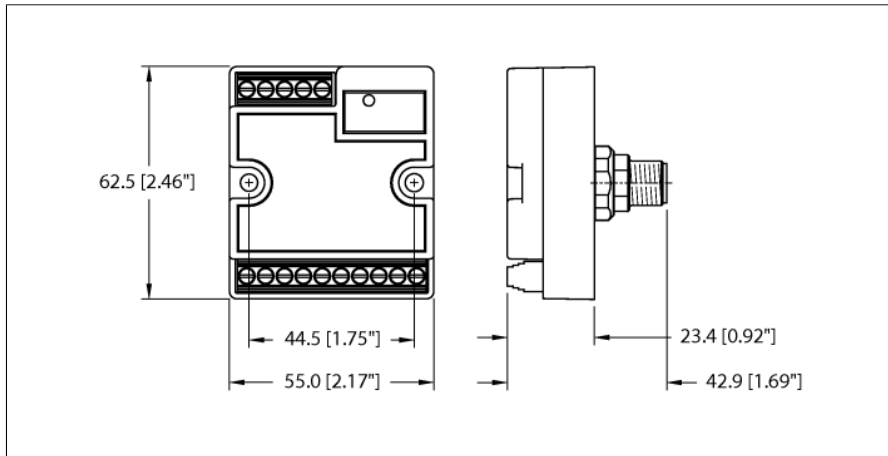


I/O Hub for connection of digital signals to IO-Link Master

8 Universal Digital Channels, PNP

FIL20-8DXP-E



- Rugged, I/O hub in IP20
- Metal screw terminal connectors
- 8 universal digital channels, DI/DO
- 24 VDC, PNP
- Output current: 1.0 A
- I&M Data Sets Support Installation and Maintenance
- IO-Link Diagnostics for Short-Circuit and Supply Voltage
- Rear M12 connector for direct feeding through the cabinet wall

Type designation	FIL20-8DXP-E
Ident-No.	100005647
Supply	
Supply voltage	24
Admissible range	20.4...28.8 VDC
	V1+ max. 4 A
System power supply	V1+
Voltage supply connection	Screw terminals
Operating current	120 mA
Sensor/Actuator supply V_{AUX1}	Screw Terminal 10 supply from V1+, 0.7A max.
Fieldbus connection technology	
	Screw terminals
Terminal cross-section	0.2 ... 1.5 mm ² (AWG: 26 ... 14)
Tightening torque	0.5 Nm
Digital inputs	
Number of channels	8
Connectivity inputs	Screw Terminals
Type of input diagnostics	Channel diagnostics
Low level signal voltage	-3...5 VDC (EN 61131-2, type 1 and 3)
High level signal voltage	11...30 VDC (EN 61131-2, type 1 and 3)
Max. input current	120 mA
Digital outputs	
Number of channels	8
Connectivity outputs	Screw Terminals
Output type	PNP
Type of output diagnostics	Channel diagnostics
Output current per channel	1.0 A (Max 4.0 A total output)
Load type	resistive, inductive, lamp load
Short-circuit protection	yes
Electrical isolation	500 VDC
IO-Link	
Connectivity IO-Link	Screw Terminals
IO-Link specification	Specified acc. to version 1.1
IO-Link port type	Class A
Frame type	Supports all
Transmission rate	COM 2 / 38.4 kbps, COM 3 / 230.4 kbps
Programming	FDT/DTM

I/O Hub for connection of digital signals to IO-Link Master

8 Universal Digital Channels, PNP

FIL20-8DXP-E

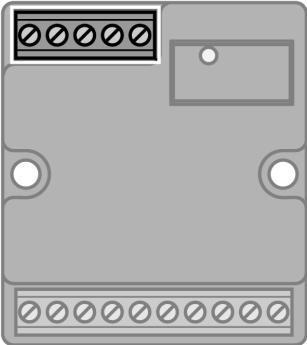
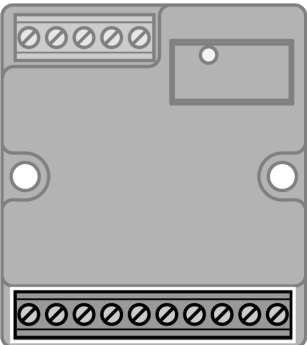
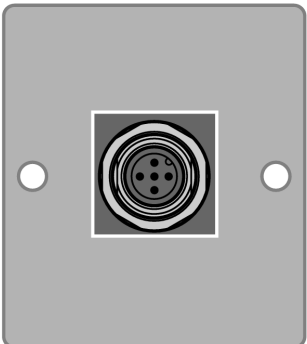
General Information

Dimensions (W x L x H)	55 x 62.48 x 43mm
Operating temperature	-40...70 °C
Storage temperature	-40...85 °C
Protection class	IP20
Housing material	PA6-GF30
Housing color	Black
Mounting	Two mounting holes Ø 5 mm, Eurofast Mounting Hole Dimensions: 15.3mm Diameter

I/O Hub for connection of digital signals to IO-Link Master

8 Universal Digital Channels, PNP

FIL20-8DXP-E

		IO-Link Screw Terminals 1 2 3 4 5 5 4 3 2 1 1 = V1 + 2 = n.c. 3 = V1 - 4 = C/Q 5 = n.c.
		I/O Screw Terminals 1 2 3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 1 = V1 - 2 = I/O₀ 3 = I/O₁ 4 = I/O₂ 5 = I/O₃ 6 = I/O₄ 7 = I/O₅ 8 = I/O₆ 9 = I/O₇ 10 = V_{AUX} +
	Rear M12 connector for direct feeding through the cabinet wall. Fieldbus cable (example): RK 4T-2 (ident no. U2151)	IO-Link Port M12 1 2 3 4 5 3 2 1 5 4 1 = V1 + 2 = n.c. 3 = V1 - 4 = C/Q 5 = n.c.