

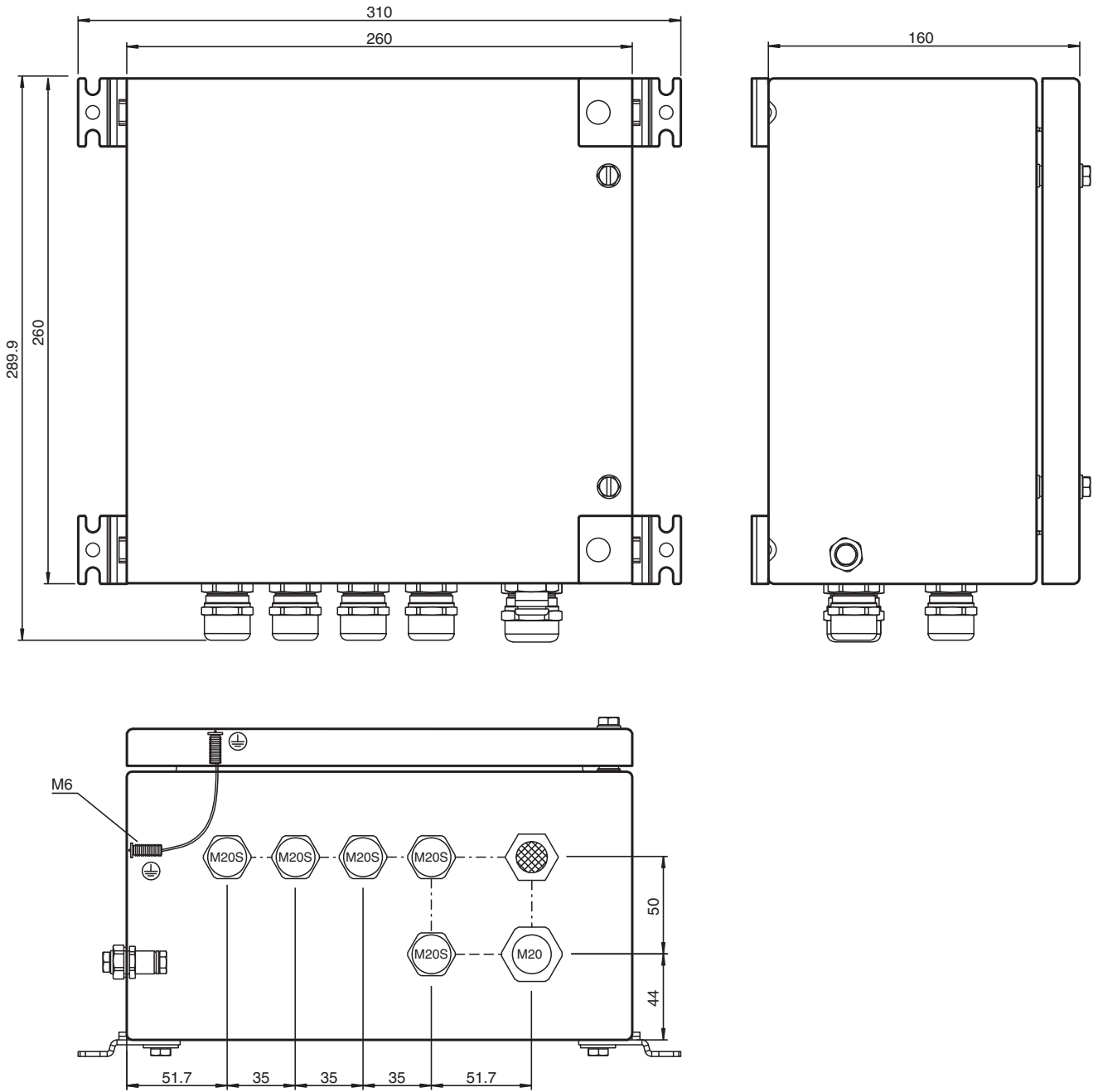
Fiber Optic Media Converter Box

PSC2.CP.SR.26.26.16-Y7017109*



- Extended communication range: Fiber optics allow Ethernet devices to communicate over greater distances, enhancing network flexibility
- Connect up to 4 Ethernet devices to a fiber optic network: Enables integration of multiple devices, improving scalability and efficiency
- Suitable for outdoor use: Stainless steel and high temperature rating make it suitable for extreme conditions
- High installation flexibility: Supports Single Mode & Multi Mode Fiber Optic and AC / DC power options, adapting to various environments
- Certified for hazardous areas: ATEX / IECEx Zone 2/22 and NEC Class I, II, Div. 2 certification ensures safety in potentially explosive atmospheres, ideal for industrial settings

Dimensions



Technical Data

Supply	
Rated voltage	U _r AC: 100 ... 240 V 50/60 Hz DC: 24 V
Input current	AC: 1.09 A DC: 0.1 A
Interface	
Interface type	Ethernet Interface 4 x 10/100BaseT(X) Ports (RJ45 connector) All models support: - Auto negotiation speed - Full/half duplex mode - Auto MDI/MDI-X connection
Communication	IEEE 802.3 for 10BASE-T IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3x for flow control
Ambient conditions	

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Ambient temperature	-25 ... 50 °C (-13 ... 122 °F)
Operating temperature	-20 ... 50 °C (-4 ... 122 °F)
Relative humidity	5 ... 95 %, non-condensing
Mechanical specifications	
Degree of protection	IP66 / Type 4X
Material	
Housing	316L stainless steel Enclosure cover: Fully detachable Cover fixing: Stainless steel A4 (V4A) hexagonal head screws, optional quarter-turn key locks
Surface	brushed finish
Dimensions	260 mm x 260 mm x 160 mm
International approvals	
ETL approval	
ETL marking	Class I Division 2 Groups ABCD T4 Class II Division 2 Groups FG T135°C
Approved for	Suitable for Class I, Division 2 Groups B,C,D T4 For ETLusNFPA 70 (NEC) UL50-2007 UL50E-2007 UL508A UL 121201 For cETL CSA C22.2 No.14 CSA22.1-12 (CEC) CSA C22.2 No. 94.1-07 CSA C22.2 No. 94.2-07 CSA C22.2 No. 213
Approved for	ATEX / IECEx Zone 2/22 NEC Class I, II Div. 2

Additional Information

Cable Entries max. Quantity

Options	Part No.	Attributes	Cable entry area	
			M20	M20s
PSC2.CP.SR.26.26.16 - Y70171096	70171096	AC / Single Mode	1	5
PSC2.CP.SR.26.26.16 - Y70171097	70171097	AC / Multimode	1	5
PSC2.CP.SR.26.26.16 - Y70171098	70171098	DC / Single Mode	0	6
PSC2.CP.SR.26.26.16 - Y70171099	70171099	DC / Multimode	0	6

Optical specifications

		100BaseFX		
		Multimode		Single mode
Fiber Cable Type		OM1	50/125 µm 800 MHz x km	G.652
Typical distance		4 km	5 km	40 km
Wavelength	Typical (nm)	1300		1310
	TX Range (nm)	1260 to 1360		1280 to 1340
	RX Range (nm)	1100 to 1600		1100 to 1600
Optical Power	TX Range (dBm)	-10 to 20		0 to -5
	RX Range (dBm)	-3 to -32		-3 to -34
	Link Budget (dB)	12		29
	Dispersion Penalty (dB)	3		1

Please find further information about the cable lengths and their calculation in the manual.

Accessories

Accessories for this product can be found on the internet at www.pepperl-fuchs.com.

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