




Product information M1-8SFP

Industrial Ethernet:Workgroup Switches:Media modules:M1-8SFP

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49848-24514-40986/en/conf/uisstate>

Name	M1-8SFP
	
	8 x 100 BASE-X port media module with SFP slots for modular, managed, Industrial Workgroup Switch MACH102
Delivery informations	
Availability	available
Product description	
Description	8 x 100 BASE-X port media module with SFP slots for modular, managed, Industrial Workgroup Switch MACH102
Type	M1-8SFP
Order No.	943 970-301
Network size - length of cable	
Multimode fiber (MM) 50/125 µm	cf. SFP LWL module M-FAST SFP-MM/LC
Multimode fiber (MM) 62.5/125 µm	cf. SFP LWL modul M-FAST SFP-MM/LC
Single mode fiber (SM) 9/125 µm	cf. SFP LWL-Modul M-FAST SFP-SM/LC and M-FAST SFP-SM+/LC
Single mode fiber (LH) 9/125 µm (long haul transceiver)	cf. SFP LWL modul M-FAST SFP-LH/LC
Power requirements	
Power consumption	11 W (incl. SFP module)
Ambient conditions	
Operating temperature	0 °C ... 50 °C
Storage/transport temperature	-20 °C ... 85 °C
Relative humidity (non-condensing)	10 % ... 95 %
MTBF	109.33 years (MIL-HDBK-217F)
Mechanical construction	
Dimensions (W x H x D)	138 x 90 x 42
Mounting	Media Module
Weight	130 g
Protection class	IP20
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80-2700 MHz)
EN 61000-4-4 fast transients (burst)	2 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 4 kV data line
EN 61000-4-6 conducted immunity	10 V (150 kHz-80 MHz)
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	cUL 508
Scope of delivery and accessories	
Scope of delivery	Media module, user manual



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