




**Product information**

**M1-8SFP**

**943 970-301**

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