


**Product:** [M1-8SFP](#) 

Media module (8 x 100BASE-X with SFP slots) for MACH102

**Product Description**

8 x 100BASE-X port media module with SFP slots for modular, managed, Industrial Workgroup Switch MACH102

**Technical Specifications**
**Product description**

Description:	8 x 100BASE-X port media module with SFP slots for modular, managed, Industrial Workgroup Switch MACH102
Part Number:	943 970-301

**Network size - length of cable**

Single mode fiber (SM) 9/125 µm:	see SFP LWL module M-FAST SFP-SM/LC and M-FAST SFP-SM+/LC
Single mode fiber (LH) 9/125 µm (long haul transceiver):	see SFP LWL module M-FAST SFP-LH/LC
Multimode fiber (MM) 50/125 µm:	see SFP LWL module M-FAST SFP-MM/LC
Multimode fiber (MM) 62.5/125 µm:	see SFP LWL module M-FAST SFP-MM/LC

**Power requirements**

Power consumption:	11 W (incl. SFP module)
Power output in BTU (IT)/h:	37

**Ambient conditions**

MTBF (MIL-HDBK 217F: Gb 25 °C):	109.33 Years
Operating temperature:	0-50 °C
Storage/transport temperature:	-20-+85 °C
Relative humidity (non-condensing):	10-95 %

**Mechanical construction**

Dimensions (WxHxD):	138 mm x 90 mm x 42mm
Weight:	130 g
Mounting:	Media Module
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**

EN 55022:	EN 55022 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

**Approvals**

Safety of industrial control equipment:	cJUL 508
Safety of information technology equipment:	cJUL 60950-1

## Scope of delivery and accessories

Scope of delivery:	Media module, user manual
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### Variants

Item #
943970301

Update and Revision:	Revision Number: 0.52 Revision Date: 08-07-2020
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