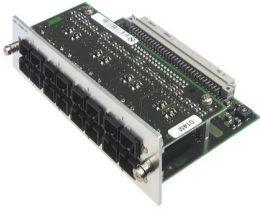


## Part Number: M1-8SM-SC

Media module (8 x 100BaseFX Singlemode DSC port) for MACH102



### Product Description

8 x 100BaseFX Singlemode DSC port media module for modular, managed, Industrial Workgroup Switch MACH102

### Technical Specifications

#### Product description

Part Number:	943 970-201
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#### Network size - length of cable

Single mode fiber (SM) 9/125 µm:	0 - 32,5 km, 16 dB Link Budget at 1300 nm, A = 0,4 dB/km D = 3,5 ps/(nm*km)
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#### Power requirements

Power consumption:	10 W
Power output in Btu (IT) / h:	34

#### Ambient conditions

MTBF (MIL-HDBK 217F: Gb 25 °C):	72.54 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:	180 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 47CFR Part 15:	FCC 47CFR Part 15, Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

#### Approvals

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

#### Scope of delivery and accessories

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

Item #
943970201

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