




## Product information M1-8SM-SC

Industrial Ethernet:Workgroup Switches:Media modules:M1-8SM-SC

<https://e-catalog.beldensolutions.com:443/link/57078-24455-49848-24514-40987/en/conf/ui/istate>

Name	M1-8SM-SC
	
	8 x 100BaseFX Singlemode DSC port media module for modular, managed, Industrial Workgroup Switch MACH102
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Description	8 x 100BaseFX Singlemode DSC port media module for modular, managed, Industrial Workgroup Switch MACH102
Type	M1-8SM-SC
Order No.	943 970-201
<b>Network size - length of cable</b>	
Single mode fiber (SM) 9/125 µm	0 - 32,5 km, 16 dB Link Budget at 1300 nm, A = 0,4 dB/km, 3 dB Reserve, D = 3,5 ps/(nm x km)
<b>Power requirements</b>	
Power consumption	10 W
<b>Ambient conditions</b>	
Operating temperature	0 °C ... 50 °C
Storage/transport temperature	-20 °C ... 85 °C
Relative humidity (non-condensing)	10 % ... 95 %
MTBF	72.54 years (MIL-HDBK-217F)
<b>Mechanical construction</b>	
Dimensions (W x H x D)	138 x 90 x 42
Mounting	Media Module
Weight	180 g
Protection class	IP20
<b>EMC interference immunity</b>	
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)
<b>EMC emitted immunity</b>	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
<b>Approvals</b>	
Safety of industrial control equipment	cUL 508
<b>Scope of delivery and accessories</b>	
Scope of delivery	Media module, user manual

For more information please contact:

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