




## Product information M1-8SFP

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

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49848-24514-40986/en/conf/ui/istate>

|   |   |
|---|---|
| Name  | M1-8SFP   |
|   |                          |
|   | 8 x 100 BASE-X port media module with SFP slots for modular, managed, Industrial Workgroup Switch MACH102 |
| <b>Delivery informations</b>                            |   |
| Availability  | available   |
| <b>Product description</b>                              |   |
| 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   |
| <b>Network size - length of cable</b>                   |   |
| 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  |
| <b>Power requirements</b>                               |   |
| Power consumption                                       | 11 W (incl. SFP module)   |
| <b>Ambient conditions</b>                               |   |
| 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)  |
| <b>Mechanical construction</b>                          |   |
| Dimensions (W x H x D)                                  | 138 x 90 x 42   |
| Mounting  | Media Module  |
| Weight  | 130 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   |



**HIRSCHMANN**

A **BELDEN** BRAND

For more information please contact:

**Hirschmann Automation and Control GmbH**

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: [inet-sales@belden.com](mailto:inet-sales@belden.com)

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.