

Code: OM1-SM

## SINGLE-MODE MEDIA CONVERTER **OM1-SM** TXRX SET

The OM1-SM converter allows to change the data stream transmission media from standard STP/UTP cable to single-mode fiber cable.

The device is equipped with SC connector ensuring reliable connections. Optical signal is transmitted and received in the II i III transmission window of 1310/1550 nm.



|                                |                                                                                                                                                                                                                                                                                                                                                                          |
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| Optical connector type:        | SC / PC                                                                                                                                                                                                                                                                                                                                                                  |
| Number of fibers:              | 1 pcs                                                                                                                                                                                                                                                                                                                                                                    |
| Transmission range:            | 25 km - Single-mode fiber                                                                                                                                                                                                                                                                                                                                                |
| Supported standards:           | IEEE 802.3, IEEE 802.3u                                                                                                                                                                                                                                                                                                                                                  |
| Port LAN:                      | (RJ-45. UTP/STP)                                                                                                                                                                                                                                                                                                                                                         |
| Transmission speed:            | 10/100 Mbps                                                                                                                                                                                                                                                                                                                                                              |
| Optical wavelength:            | 1550 / 1310 nm                                                                                                                                                                                                                                                                                                                                                           |
| Main features:                 | <ul style="list-style-type: none"> <li>• MDI/MDI-X auto detection feature - auto detecting the data transmission mode</li> <li>• Auto detection of the bit rate</li> <li>• Bi-directional transmission via single fiber</li> <li>• LED indicators showing operating status</li> <li>• Wavelength-Division Multiplexing technology WDM (Tx 1550nm / Rx 1310nm)</li> </ul> |
| Power supply:                  | 5 V DC / 1 A (power adapter included)                                                                                                                                                                                                                                                                                                                                    |
| Operation temp:                | -10 °C ... 50 °C                                                                                                                                                                                                                                                                                                                                                         |
| Permissible relative humidity: | 5 % ... 95 %                                                                                                                                                                                                                                                                                                                                                             |
| Weight:                        | 0.18 kg                                                                                                                                                                                                                                                                                                                                                                  |
| Dimensions:                    | 95 x 72 x 27 mm                                                                                                                                                                                                                                                                                                                                                          |
| Guarantee:                     | 2 years                                                                                                                                                                                                                                                                                                                                                                  |