



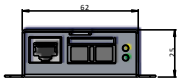
EL100-XS

COMPACT MEDIA CONVERTER UNMANAGED

The series EL100-XS contains unmanaged media converters which operate with POF, HCS-, multimode or singlemode fiber optic. Additional features are autonegotiation, MDX/MDIX and extended temperature range.

The flat design of the stainless steel housing offers an extremely high degree of flexibility and safety for all kinds of indoor and outdoor applications. EL100-XS can either be mounted onto a DIN EN rail or fastened onto the wall. A clip is already included in the scope of delivery. EL100-XS is suitable wherever there is little space, e.g. in small distribution boxes.

Apart from that there is a version for the installation in PCs – a perfect alternative for network interface cards with fiber optic connectors. This card allows connecting fiber optics without any modification in the operation system. Since many PCs do not have a separate network interface card anymore, but network jacks on the mainboard, e-light PC is a low cost solution even if no PCI slot is available anymore. A cable (included in the scope of delivery) can be used to power the device from the power supply of the PC so that you only have to connect the network interface card of the PC and the media converter with a network cable.



e-light PC

Typ	P-ST	H-ST	MM-ST	MM-SC	MM-SC/BIDI	SM-ST	SM-SC	SM-E2	SM-SC/BIDI
Article no. EL100-XS	0420001 01E	0420001 11E	0420001 31E	0420001 33E	0420001 36E-BIDI A 37E-BIDI B	0420001 51E	0420001 53E	0420001 55E	0420001 56E-BIDI A 77E-BIDI B
FO connector	ST	ST	ST	SC	SC	ST	SC	E-2000	SC
Fiber type	POF 980/1000 μm	HCS 200/230 μm	Multimode 62.5 (50)/125 μm			Singlemode 9/125 μm			
Optical budget	12 dB	8 dB	12 dB			16 dB			
FO range	50 m (180 dB/km)	200 m (180 dB/km)	5 km (1 dB/km)			30 km, others up to 100 km on request (0.3 dB/km)			
Wavelength	650 nm	850 nm	1310 nm		1310 nm 1550 nm	1310 nm			1310 nm 1550 nm
IEEE	IEEE 802.3 10Base-T Ethernet / IEEE 802.3u 100Base-TX and 100Base-FX Fast Ethernet								
Modified Cut Through	Cut Through modified, others on request								
10/100 BASE TX-Port	1 x RJ45 / Auto-Negotiation / Auto MDI/MDI-X / Supports length up to 100 m (CAT 5)								
Status-LEDs	LINK / ACT je Port								
Power SUPPLY	12–24 VDC								
Power CONSUMPTION	2.5 Watts, 100 mA (24 V)								
Operating temperature	–40 °C – +70 °C (Multimode and Singlemode with ST or SC) / –20 °C – +55 °C (all others)								
EMC	EN61000-6-2/EN55022 Class B + A1 + A2								
Weight	200 g								
DIMENSIONS	25 x 62 x 80 mm								
HOUSING	Stainless steel, powder coated								