

784766

FO converter for essernet, single-mode**Features**

- Two single-mode fibers are required per network section.
- The fibers must be connected directly without interruption (e.g. no connection via multiplexers permitted)
- Fiber type G9/125 µm
- max. permitted attenuation of 17 dB corresponds to a length of approx. 20 km or
- Fiber type G10/125 µm
- max. permitted attenuation of 17 dB corresponds to a length of approx. 20 km


The fiber optic converter for essernet, required to connect two single-mode fibers, must be installed directly into the control panel's housing. This is done by mounting it directly on the top-hat rail without any further mounting fixtures.

Prefabricated connecting cable approx. 1.5 m included for connection to the essernet module in the FACP.

The device should be installed as close as possible to the FACP and the connecting cable should not be extended!

Technical Data

Operating voltage	9 ... 30 V DC
Current consumption @ 12 V DC	approx. 70 mA
Current consumption @ 24 V DC	approx. 35 mA
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-10 °C ... 55 °C
Wavelength	1300 nm
FO-Connector	F-ST
Type of protection	IP40
Housing	aluminum
Installation	mounting rail
Air humidity	< 95 % (non-condensing)
Weight	approx. 200 g
Dimensions	W: 55 mm H: 24 mm D: 105 mm

 Max. optical loss per FO-segment (20 km):
E9/125 µm: 17 dB, E10/125 µm: 17 dB

Accessories

788602 Top hat rail

788652 Mounting rail for FACP 8000 and IQ8Control

784855


SEI serial essernet interface EDP, unidirectional**Features**

- Serial data rate 19.2 kBd
- RS 485 interface on-board for a max. length of 1,000 m

The serial essernet interface can be used as a gateway to link remote computers that support the ESSER data protocol (EDP). The EDP version (unidirectional) is only provided with information from the essernet, remote control is not possible. The unit includes a slot for an essernet module and is therefore a fully functional unit within the short circuit and open circuit resistant essernet.

Technical Data

Operating voltage	10.5 ... 28 V DC
Current consumption @ 12 V DC	approx. 60 mA
Current consumption @ 24 V DC	approx. 30 mA
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-10 °C ... 50 °C
Air humidity	< 95 % (non-condensing)

 The essernet micromodule and the interface module are not included and must be ordered separately in accordance with the required essernet type and the serial transmission standard.

Accessories

788606 Housing kit

772386 Interface-module RS 232/V 24

772387 Interface-module TTY/CL 20 mA

784840.10 essernet micromodule (62.5 kBd)

784841.10 essernet micromodule (500 kBd)