

IE-SFP-1FE-SM-30

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Features of SFP-Transceiver series

- Huge variety of transceiver types for several transmission speeds (up to 10 Gigabit Ethernet) and distances (up to 60 km)
- BiDi SFP models for communication via single fiber
- Easy control of transceiver status due to support of Digital Diagnostic Monitoring (DDM)
- Hot pluggable (during operation)
- Class 1 laser product, EN60825-1 compliant
- Applicable for switches of the Eco-, Advanced- and SubstationLine

General ordering data

Version	SFP Transceiver, 100 Mbps, Singlemode, LC-Duplex, 30 km, -40 °C...85 °C
Order No.	2682460000
Type	IE-SFP-1FE-SM-30
GTIN (EAN)	4050118692259
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E230683

Dimensions and weights

Net weight 17.5 g

Temperatures

Storage temperature -40 °C...85 °C Operating temperature -40 °C...85 °C

Humidity 5 to 95 % (non-condensing)

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

EMC conformity and approvals

EMC standards EN 55032, EN 55035 Safety standard UL 62368-1

Environmental conditions

Operating temperature, max. 85 °C Operating temperature, min. -40 °C

Humidity 5 to 95 % (non-condensing) Storage temperature, max. 85 °C

Storage temperature, min. -40 °C

Fibre optic transceiver characteristics

Transmission rate 100 Mbps

Digital diagnostic monitor function (DDM) Supported

Transceiver type Singlemode

Connector type LC-Duplex

Transmission distance, typ. 30 km

Wavelength typ. 1310 nm

Wavelength TX

min. 1280 nm

max. 1340 nm

Wavelength RX

min. 1260 nm

max. 1620 nm

Receive power min. -34 dBm

max. -3 dBm

Transmission power min. -15 dBm

max. -8 dBm

Link-budget 19 dB

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Guarantee

Time interval 3 years

Power supply

Supply voltage 3.3 V (via Ethernet switch)

Technical data

Type of mounting Insert in SFP slot

Classifications

ETIM 8.0	EC003628	ETIM 9.0	EC003628
ETIM 10.0	EC003628	ECLASS 14.0	19-17-03-03
ECLASS 15.0	19-17-03-03		