

IE-SFP-1GE-MM-05

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, 1000 Mbps, Multimode, LC-Duplex, 0.5 km, -40 °C...85 °C
Order No.	2682480000
Type	IE-SFP-1GE-MM-05
GTIN (EAN)	4050118692235
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 1000 Mbps

Digital diagnostic monitor function (DDM) Supported

Transceiver type Multimode

Connector type LC-Duplex

Transmission distance, typ. 0.5 km

Wavelength typ. 850 nm

Wavelength TX

min. 830 nm

max. 870 nm

Wavelength RX

min. 770 nm

max. 870 nm

Receive power min. -18 dBm

max. -3 dBm

Transmission power min. -9 dBm

max. -3 dBm

Link-budget 9 dB

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Technical data**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		

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Accessories

LC-Duplex



Mounting rail outlet, LC duplex junction design according to IEC 61754-20

General ordering data

Type	IE-TO-LCD-MM	Version	
Order No.	8947010000	Mounting rail outlet, fibre-optic, LC Duplex, Multimode, GOF, POF,	
GTIN (EAN)	4032248735020	IP20	
Qty.	10 ST		