

## IE-SFP-1GE-MM-2

**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, 2 km, -40 °C...85 °C |
| Order No.  | <a href="#">2682490000</a>   |
| Type       | IE-SFP-1GE-MM-2  |
| GTIN (EAN) | 4050118692228  |
| 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 18 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. 2 km

Wavelength typ. 1310 nm

Wavelength TX

min. 1270 nm

max. 1355 nm

Wavelength RX

min. 1260 nm

max. 1620 nm

Receive power min. -19 dBm

max. -1 dBm

Transmission power min. -9 dBm

max. -1 dBm

Link-budget 10 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.  | <a href="#">8947010000</a> | Mounting rail outlet, fibre-optic, LC Duplex, Multimode, GOF, POF, |  |
| GTIN (EAN) | 4032248735020              | IP20   |  |
| Qty.       | 10 ST                      |  |  |