

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 (100/1000Mbit/s) and distances (up to 60 km)
- BiDi SFP models for communication via single fiber
- Easy control of SFP status due to support of Digital Diagnostic Monitoring (DDM)
- Hot pluggable (during operation)
- Class 1 laser product, EN60825-1 compliant

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 pc(s). |

Creation date June 4, 2021 2:41:01 AM CEST

Catalogue status 21.05.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | |
|------------|------|
| Net weight | 46 g |
|------------|------|

Temperatures

| | | | |
|---------------------|----------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C | Operating temperature | -40 °C...85 °C |
| Humidity | 5 to 95 % (non-condensing) | | |

EMC conformity and approvals

| | | | |
|---------------|--------------------|-----------------|------------|
| EMC standards | EN 55032, EN 55024 | Safety standard | UL 60950-1 |
|---------------|--------------------|-----------------|------------|

Environmental conditions

| | | | |
|-----------------------------|----------------------------|-----------------------------|-------|
| Humidity | 5 to 95 % (non-condensing) | Operating temperature, max. | 85 °C |
| Operating temperature, min. | -40 °C | 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 |
| Receive power | min. | -18 dBm |
| | max. | -3 dBm |
| Transmission power | min. | -9 dBm |
| | max. | -3 dBm |
| Link-budget | 9 dB | |

Guarantee

| | |
|---------------|---------|
| Time interval | 3 years |
|---------------|---------|

Power supply

| | |
|----------------|-----------------------------|
| Voltage supply | 3.3 V (via Ethernet switch) |
|----------------|-----------------------------|

Technical data

| | |
|------------------|--------------------|
| Type of mounting | Insert in SFP slot |
|------------------|--------------------|

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Technical data**Classifications**

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001121 | ETIM 7.0 | EC001121 |
| ECLASS 9.0 | 27-44-03-92 | ECLASS 9.1 | 27-44-02-92 |
| ECLASS 10.0 | 27-44-03-92 | ECLASS 11.0 | 27-44-03-92 |

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E230683 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity RCM Declaration of Conformity |
| Catalogues | Catalogues in PDF-format |