

IE-SFP-1GLSXLC-T**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

- Supports DDM (Digital Diagnostic Monitoring)
- IEEE 802.3z compliant (Gigabit Ethernet SFPs)
- IEEE 802.3u compliant (Fast Ethernet SFPs)
- Symmetric LVPECL I/Os (Gigabit Ethernet SFPs)
- Symmetric PECL I/Os (Fast Ethernet SFPs)
- TTL signal detection indicator
- Pluggable in operation (hot pluggable)
- Class 1 laser product, EN60825-1 compliant
- Applicable for switches of the Basic-, Value- and PremiumLine

General ordering data

| | |
|------------|--|
| Version | SFP Transceiver, 1000 Mbps, Multimode, LC-Duplex, 2 km, -40 °C...85 °C |
| Order No. | 1286710000 |
| Type | IE-SFP-1GLSXLC-T |
| GTIN (EAN) | 4050118077520 |
| Qty. | 1 pc(s). |

Creation date January 22, 2022 9:36:11 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | |
|------------|------|
| Net weight | 25 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 |
| Ship use | DNV-GL | | |

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. | 2 km | |
| Wavelength | typ. | 1,310 nm |
| | Wavelength | TX |
| | min. | 1,270 nm |
| | max. | 1,355 nm |
| | Wavelength | RX |
| | min. | 1,260 nm |
| | max. | 1,610 nm |
| Receive power | min. | -19 dBm |
| | max. | -1 dBm |
| Transmission power | min. | -9 dBm |
| | max. | -1 dBm |
| Link-budget | 10 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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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 | DNV-GL certificate EU Declaration of Conformity |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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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, IP20 |
| GTIN (EAN) | 4032248735020 | |
| Qty. | 10 pc(s). | |

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