

IE-SFP-1GSXLC-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, 0.55 km, -40 °C...85 °C |
| Order No. | 1286700000 |
| Type | IE-SFP-1GSXLC-T |
| GTIN (EAN) | 4050118077261 |
| Qty. | 1 items |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2027-01-30T00:00:00+01:00 |
| Alternative product | IE-SFP-1GE-MM-05 |

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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 | 20 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 with exemption |
| RoHS Exemption (if applicable/known) | 7cl |
| REACH SVHC | No SVHC above 0.1 wt% |

EMC conformity and approvals

| | | | |
|-----------------|------------------------------------|----------|-----|
| EMC standards | EN 55032, EN 55035 | Ship use | DNV |
| Safety standard | UL 62368-1, EN 62368-1, EN 60825-1 | | |

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. | 0.55 km | |
| Wavelength | typ. | 1310 nm |
| | Wavelength | TX |
| | min. | 830 nm |
| | max. | 860 nm |
| | Wavelength | RX |
| | min. | 770 nm |
| Receive power | min. | -18 dBm |
| | max. | 0 dBm |
| Transmission power | min. | -9.5 dBm |

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|-------------|-------------|--------|
| Link-budget | max. 8.5 dB | -4 dBm |
|-------------|-------------|--------|

Guarantee

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

Interfaces

| | | | |
|----------------|---|-------------------|-----------|
| Ethernet ports | 1 | Plug-in connector | Duplex-LC |
|----------------|---|-------------------|-----------|

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 | | |