

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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

**General ordering data**

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

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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 |
| 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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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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 | <a href="#">DNV-GL certificate</a><br><a href="#">EU Declaration of Conformity</a> |
|---------------------------------------------|------------------------------------------------------------------------------------|