

**Industrial Ethernet  
IE-SFP-1GLXLC**

**Weidmüller Interface GmbH & Co. KG**  
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- IEEE 802.3z-compliant (Gigabit modules)
- IEEE 802.3u-compliant (Fast Ethernet modules)
- Symmetric LVPECL I/Os (Gigabit modules)
- Symmetric PECL I/Os (Fast Ethernet modules)
- TTL signal detection indicator
- In operation insertable duplex LC connector
- Class 1 laser product, EN60825-1 compliant
- -40 to 85°C operating temperature (T models)

**General ordering data**

Type	IE-SFP-1GLXLC
Order No.	<a href="#">1241510000</a>
Version	SFP-Modul, 0 °C...+60 °C, Gigabit-Ethernet, Singlemode, LC connectors, 10 km
GTIN (EAN)	4050118029338
Qty.	1 pc(s).

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**Technische Daten**

**Dimensions and weights**

Net weight 25 g

**EMC conformity and approvals**

Security UL, TÜV

**Environmental conditions**

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	60 °C
Operating temperature, min.	0 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

**Fibre optic Gigabit Ethernet**

Link budget Gigabit Ethernet	10.5 dB	Max. TX Gigabit Ethernet	-3 dBm
Min. TX Gigabit Ethernet	-9.5 dBm	Receive sensitivity Gigabit Ethernet	-20 dBm
System reserve Gigabit Ethernet	-3 dBm	Typical distances Gigabit Ethernet	10 km (9/125 µm single-mode fibre optic cable)
Wave length Gigabit Ethernet	1,310 nm		

**Guarantee**

Time interval 3 years

**Interfaces**

Ethernet ports 1 Plug-in connector Duplex-LC

**Order data**

Operating temperature 0 °C...+60 °C SFP alternatives Gigabit-Ethernet, Singlemode, LC connectors, 10 km

**Classifications**

eClass 6.2 19-17-01-06 eClass 7.1 19-17-01-06

**Approvals**

Approvals



ROHS Conform

**Downloads**

Declaration of Conformity [K4230912.pdf](#)