

**Industrial Ethernet
IE-SFP-1GLHXLC**

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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-1GLHXLC
Order No.	1241520000
Version	SFP-Modul, 0 °C...+60 °C, Gigabit-Ethernet, Singlemode, LC connectors, 40 km
GTIN (EAN)	4050118029369
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	20 dB	Max. TX Gigabit Ethernet	1 dBm
Min. TX Gigabit Ethernet	-4 dBm	Receive sensitivity Gigabit Ethernet	-24 dBm
System reserve Gigabit Ethernet	-3 dBm	Typical distances Gigabit Ethernet	40 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, 40 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](#)