

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

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Germany

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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

Type	IE-SFP-1GLSXLC
Order No.	1241500000
Version	SFP Transceiver, 1000 Mbps, Multimode, LC-Duplex, 2 km, 0 °C...60 °C
GTIN (EAN)	4050118029314
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	25 g
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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.	60 °C
Operating temperature, min.	0 °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
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Power supply

Voltage supply	3.3 V (via Ethernet switch)
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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		

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	DNV-GL certificate EU Declaration of Conformity
Brochure/Catalogue	CAT 9 IETH 18/19 EN