

IE-SFP-1GLSXLC

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, 2 km, 0 °C...60 °C
Order No.	124150000
Type	IE-SFP-1GLSXLC
GTIN (EAN)	4050118029314
Qty.	1 items

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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	25 g
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Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	0 °C...60 °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.	60 °C	Operating temperature, min.	0 °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.	2 km	
Wavelength	typ.	1310 nm
	Wavelength	TX
	min.	1270 nm
	max.	1355 nm
	Wavelength	RX
	min.	1260 nm
Receive power	min.	-19 dBm
	max.	-1 dBm
Transmission power	min.	-9 dBm

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Link-budget	max. 10 dB	-1 dBm
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Guarantee

Time interval	3 years
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Interfaces

Ethernet ports	1	Plug-in connector	Duplex-LC
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Power supply

Supply voltage	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 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		