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.	1241500000
Type	IE-SFP-1GLSXLC
GTIN (EAN)	4050118029314
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	0 °C...60 °C
Humidity	5 to 95 % (non-condensing)		

EMC conformity and approvals

EMC standards	EN 55032, EN 55035	Safety standard	UL 62368-1, EN 62368-1, EN 60825-1
Ship use	DNV		

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

Power supply

Voltage supply	3.3 V (via Ethernet switch)

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Type of mounting	Insert in SFP slot

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Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ETIM 8.0	EC003628	ETIM 9.0	EC003628
ECLASS 9.1	27-44-02-92	ECLASS 10.0	27-44-02-92
ECLASS 11.0	19-17-03-03	ECLASS 12.0	19-17-03-03
ECLASS 13.0	19-17-03-03		

Approvals

Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E230683

Downloads

Approval/Certificate/Document of Conformity	DNV certificate EU Declaration of Conformity UK Declaration of Conformity
Catalogues	Catalogues in PDF-format
Brochures	

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Accessories

LC-Duplex



Mounting rail outlet, LC duplex junction design according to IEC 61754-20

General ordering data

Type	IE-TO-LCD-MM	Version
Order No.	8947010000	Mounting rail outlet, fibre-optic, LC Duplex, Multimode, GOF, POF,
GTIN (EAN)	4032248735020	IP20
Qty.	10 pc(s).	