

IE-SFP-1GLXLC**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, Singlemode, LC-Duplex, 10 km, 0 °C...60 °C
Order No.	1241510000
Type	IE-SFP-1GLXLC
GTIN (EAN)	4050118029338
Qty.	1 pc(s).

IE-SFP-1GLXLC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Dimensions and weights**

Net weight	35 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	Singlemode	
Connector type	LC-Duplex	
Transmission distance, typ.	10 km	
Wavelength	typ.	1,310 nm
	Wavelength	TX
	min.	1,280 nm
	max.	1,355 nm
	Wavelength	RX
	min.	1,260 nm
	max.	1,610 nm
Receive power	min.	-21 dBm
	max.	-3 dBm
Transmission power	min.	-9 dBm
	max.	-3 dBm
Link-budget	12 dB	

Guarantee

Time interval	3 years
---------------	---------

Power supply

Voltage supply	3.3 V (via Ethernet switch)
----------------	-----------------------------

Technical data

Type of mounting	Insert in SFP slot
------------------	--------------------

IE-SFP-1GLXLC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

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	ECLASS 14.0	19-17-03-03

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl

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	