

**IE-SFP-1GSXLC-T****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, 0.55 km, -40 °C...85 °C
Order No.	<a href="#">1286700000</a>
Type	IE-SFP-1GSXLC-T
GTIN (EAN)	4050118077261
Qty.	1 pc(s).

Creation date March 7, 2023 7:45:32 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Net weight 36 g

**Temperatures**

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Operating temperature, min.	-40 °C	Operating temperature, max.	85 °C
Humidity	5 to 95 % (non-condensing)		

**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.	85 °C
Operating temperature, min.	-40 °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.	0.55 km		
Wavelength	typ.	1,310 nm	
	Wavelength	TX	
	min.	830 nm	
	max.	860 nm	
	Wavelength	RX	
	min.	770 nm	
Receive power	min.	-18 dBm	
	max.	0 dBm	
Transmission power	min.	-9.5 dBm	
	max.	-4 dBm	
Link-budget	8.5 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

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## Technical data

### 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	ECLASS 11.0	27-44-03-92
ECLASS 12.0	27-44-03-92		

### Approvals

Approvals



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

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">DNV certificate</a> <a href="#">EU Declaration of Conformity</a> <a href="#">UK Declaration of Conformity</a>
Product Change Notification	<a href="#">Product Change Notification IE-SFP-1GSXLC-series</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	