

IE-SFP-1GSXLC

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, 0 °C...60 °C
Order No.	1241490000
Type	IE-SFP-1GSXLC
GTIN (EAN)	4050118029512
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2027-01-30T00:00:00+01:00
Alternative product	IE-SFP-1GE-MM-05

IE-SFP-1GSXLC

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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 34.8 g

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. 0.55 km

Wavelength	typ.	850 nm
	Wavelength	TX
	min.	830 nm
	max.	860 nm
	Wavelength	RX
	min.	770 nm
	max.	860 nm
	Receive power	min.
	max.	0 dBm
Transmission power	min.	-9.5 dBm

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Link-budget	max. 8.5 dB	-4 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		

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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 ST		