

IE-SFP-1FEMLC-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, 100 Mbps, Multimode, LC-Duplex, 4 km, -40 °C...85 °C
Order No.	1241450000
Type	IE-SFP-1FEMLC-T
GTIN (EAN)	4050118029192
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-1FE-MM-2

IE-SFP-1FEMLC-T

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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 24 g

Temperatures

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

Fibre optic transceiver characteristics

Transmission rate 100 Mbps

Digital diagnostic monitor function (DDM) Supported

Transceiver type Multimode

Connector type LC-Duplex

Transmission distance, typ. 4 km

Wavelength	typ.	1310 nm
	Wavelength	TX
	min.	1280 nm
	max.	1340 nm
	Wavelength	RX
	min.	1100 nm

Receive power	min.	-32 dBm
	max.	-3 dBm

Transmission power	min.	-18 dBm
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	max.	-8 dBm
Link-budget	14 dB	

Guarantee

Time interval	3 years
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Interfaces

Ethernet ports	1	Plug-in connector	Duplex-LC
Number of ports	Fast Ethernet, multi-mode, LC connector, 4 km		

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		