

**IE-SFP-1FE-MM-2****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Features of SFP-Transceiver series**

- Huge variety of transceiver types for several transmission speeds (up to 10 Gigabit Ethernet) and distances (up to 60 km)
- BiDi SFP models for communication via single fiber
- Easy control of transceiver status due to support of Digital Diagnostic Monitoring (DDM)
- Hot pluggable (during operation)
- Class 1 laser product, EN60825-1 compliant
- Applicable for switches of the Eco-, Advanced- and SubstationLine

**General ordering data**

Version	SFP Transceiver, 100 Mbps, Multimode, LC-Duplex, 4 km, -40 °C...85 °C
Order No.	<a href="#">2682450000</a>
Type	IE-SFP-1FE-MM-2
GTIN (EAN)	4050118692266
Qty.	1 pc(s).

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Net weight	17.5 g
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**Temperatures**

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

**EMC conformity and approvals**

EMC standards	EN 55032, EN 55035	Safety standard	UL 62368-1
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**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	100 Mbps	
Digital diagnostic monitor function (DDM)	Supported	
Transceiver type	Multimode	
Connector type	LC-Duplex	
Transmission distance, typ.	4 km	
Wavelength	typ.	1,310 nm
	Wavelength	TX
	min.	1,270 nm
	max.	1,380 nm
	Wavelength	RX
	min.	1,260 nm
Receive power	min.	-32 dBm
	max.	-3 dBm
Transmission power	min.	-20 dBm
	max.	-14 dBm
Link-budget	12 dB	

**Guarantee**

Time interval	3 years
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**Power supply**

Voltage supply	3.3 V (via Ethernet switch)
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**Technical data**

Type of mounting	Insert in SFP slot
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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	<a href="#">EU Declaration of Conformity</a> <a href="#">RCM Declaration of Conformity</a> <a href="#">UK Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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

**General ordering data**

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