IE-SFP-1FE-MM-2

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.	2682450000
Type	IE-SFP-1FE-MM-2
GTIN (EAN)	4050118692266
Qty.	1 items

Creation date 06.03.2026 05:17:46 MEZ

Weidmüller

Technical data

Approvals

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

Dimensions and weights

Net weight	17.5 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 without exemption
REACH SVHC	No SVHC above 0.1 wt%

EMC conformity and approvals

EMC standards	EN 55032, EN 55035	Safety standard	UL 62368-1

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.		1270 nm
	max.		1380 nm
	Wavelength		RX
	min.		1260 nm
	max.		1620 nm
Receive power	min.		-32 dBm
	max.		-3 dBm
Transmission power	min.		-20 dBm
	max.		-14 dBm
Link-budget	12 dB		

Creation date 06.03.2026 05:17:46 MEZ

IE-SFP-1FE-MM-2

Technical data

Guarantee

Time interval	3 years

Power supply

Supply voltage	3.3 V (via Ethernet switch)

Technical data

Type of mounting	Insert in SFP slot

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		

IE-SFP-1FE-MM-2

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	