Data sheet

IE-SFP-10GE-MM-03

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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, 10 Gbps, Multimode, LC-Duplex, 0.3 km, -40 °C...85 °C
Order No.	2779110000
Type	IE-SFP-10GE-MM-03
GTIN (EAN)	4064675048473
Qty.	1 items

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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	17.5 g

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C

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
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C

Fibre optic transceiver characteristics

Transmission rate	10 Gbps	
Digital diagnostic monitor function (DDM)	Supported	
Transceiver type	Multimode	
Connector type	LC-Duplex	
Transmission distance, typ.	0.3 km	
Wavelength	typ.	850 nm
	Wavelength	TX
	min.	840 nm
	max.	860 nm
	Wavelength	RX
	min.	840 nm
	max.	860 nm
Receive power	min.	-9.9 dBm
	max.	-1 dBm
Transmission power	min.	-6.5 dBm
	max.	-1 dBm
Link-budget	3.4 dB	

Guarantee

Time interval	3 years

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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		