

IE-SFP-10GE-SM-20**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, Singlemode, LC-Duplex, 20 km, -40 °C...85 °C
Order No.	2779120000
Type	IE-SFP-10GE-SM-20
GTIN (EAN)	4064675048480
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
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EMC conformity and approvals

EMC standards	EN 55032, EN 55035	Safety standard	UL 62368-1
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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
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Digital diagnostic monitor function (DDM)	Supported
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Transceiver type	Singlemode
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Connector type	LC-Duplex
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Transmission distance, typ.	20 km
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Wavelength	typ.	1,310 nm
	Wavelength	TX
	min.	1,260 nm
	max.	1,355 nm
	Wavelength	RX
	min.	1,260 nm
Receive power	max.	1,600 nm
	min.	-15 dBm
Transmission power	max.	0.5 dBm
	min.	-4 dBm
Link-budget	max.	0.5 dBm

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	EU Declaration of Conformity RCM Declaration of Conformity UK Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format