

**IE-SFP-10GE-SM-40****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, 10 Gbps, Singlemode, LC-Duplex, 40 km, -40 °C...85 °C
Order No.	<a href="#">2779130000</a>
Type	IE-SFP-10GE-SM-40
GTIN (EAN)	4064675048497
Qty.	1 pc(s).

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

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	
Digital diagnostic monitor function (DDM)	Supported	
Transceiver type	Singlemode	
Connector type	LC-Duplex	
Transmission distance, typ.	40 km	
Wavelength	typ.	1,550 nm
	Wavelength	TX
	min.	1,530 nm
	max.	1,565 nm
	Wavelength	RX
	min.	1,250 nm
Receive power	min.	-15.8 dBm
	max.	-1 dBm
Transmission power	min.	-4.7 dBm
	max.	4 dBm
Link-budget	11.1 dB	

Note When connecting a single-mode fiber transceiver over a short distance, we recommend using an attenuator to prevent the transceiver from being damaged by excessive optical power.

**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		

**Environmental Product Compliance**

REACH SVHC

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**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>