

**Industrial Ethernet
IE-SFP-1GE-SM-10-BIDI-TX1310**

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**Features of SFP-Transceiver series**

- Huge variety of transceiver types for several transmission speeds (100/1000Mbit/s) and distances (up to 60 km)
- BiDi SFP models for communication via single fiber
- Easy control of SFP status due to support of Digital Diagnostic Monitoring (DDM)
- Hot pluggable (during operation)
- Class 1 laser product, EN60825-1 compliant

General ordering data

Type	IE-SFP-1GE-SM-10-BIDI-TX1310
Order No.	2682520000
Version	SFP Transceiver, 1000 Mbps, Singlemode BiDi, LC-Simplex, 10 km, -40 °C...85 °C
GTIN (EAN)	4050118692198
Qty.	1 pc(s).

Creation date May 1, 2020 5:10:22 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight	22 g
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EMC conformity and approvals

EMC standards	EN 55032, EN 55024	Safety standard	UL 60950-1
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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	1000 Mbps
Digital diagnostic monitor function (DDM)	Supported
Transceiver type	Singlemode BiDi
Connector type	LC-Simplex
Transmission distance, typ.	10 km
Wavelength	Wavelength TX
	typ. 1,310 nm
	Wavelength RX
	typ. 1,550 nm
	Wavelength TX
	min. 1,270 nm
	max. 1,355 nm
	Wavelength RX
	min. 1,470 nm
max. 1,600 nm	
Receive power	min. -20 dBm
	max. -3 dBm
Transmission power	min. -9 dBm
	max. -3 dBm
Link-budget	11 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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Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
eClass 9.0	27-44-03-92	eClass 9.1	27-44-02-92
eClass 10.0	27-44-03-92		

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Data sheet

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Technical data

Approvals

Approvals



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