

**IE-SFP-1GE-RJ45****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, 10/100/1000 MBit/s, RJ45, 0.1 km, -40 °C...85 °C
Order No.	<a href="#">2766120000</a>
Type	IE-SFP-1GE-RJ45
GTIN (EAN)	406467502379 1
Qty.	1 items

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E230683

**Dimensions and weights**

Net weight	18 g
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**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
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**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	10/100/1000 MBit/s	Digital diagnostic monitor function (DDM)	Not supported
Connector type	RJ45	Transmission distance, typ.	0.1 km

Note  
 10/100/1000BASE T operation requires the host system to have an SGMII interface with no clocks, and the SFP copper module PHY Interface to be configured by the host system. With a SERDES interface that does not support SGMII, the module will operate at 1000BASE T only.

**Guarantee**

Time interval	3 years
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## Technical data

### Interfaces

RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full- duplex mode, Auto MDI/ MDI-X port
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### Power supply

Supply voltage	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 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		