

IE-BHD-SPE-M8-OT-FP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**SPElink®****Single Pair Ethernet PCB sockets**

Single pair Ethernet is a technology that only requires one pair of wires to transmit data and power.

The resulting benefits will make SPE the preferred network at the field level and beyond.

Advantages of Single Pair Ethernet:

- Consistent: Single Pair Ethernet enables uniform Ethernet-based communication from the sensor to the cloud
- Future-proof: key technology for Industry 4.0 and IIoT
- Flexible: ranges of up to 1000 m and transmission properties of up to 1 Gbps enable use across applications
- Innovative: lighter, less space required, and reduced installation effort

General ordering data

Version	PCB, M8 socket housing, IP67, Frontpanel mounting
Order No.	2726020000
Type	IE-BHD-SPE-M8-OT-FP
GTIN (EAN)	4050118810776
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Net weight	3 g
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Temperatures

Operating temperature	-40 °C...85 °C
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System specifications

Number of poles	2	Product family	Industrial Ethernet
Protection degree	IP67		

Electrical properties

Insulation strength	≥ 500 MΩ
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Standards

Connector standard	IEC 61076-2-104, IEC 63171-5
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Material data

Colour	silver	Colour chart (similar)	RAL 7001
Insulation strength	≥ 500 MΩ	UL 94 flammability rating	V-0
Operating temperature, min.	-40 °C	Operating temperature, max.	85 °C

Packing

VPE length	90 mm	VPE width	25 mm
VPE height	15 mm		

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ETIM 9.0	EC001031
ETIM 10.0	EC001031	ECLASS 9.0	27-18-27-02
ECLASS 9.1	27-18-27-02	ECLASS 10.0	27-18-27-02
ECLASS 11.0	27-18-27-02	ECLASS 12.0	27-18-27-02
ECLASS 13.0	27-19-01-04	ECLASS 14.0	27-19-01-04
ECLASS 15.0	27-19-01-04		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Catalogue status 26.04.2025 / We reserve the right to make technical changes.

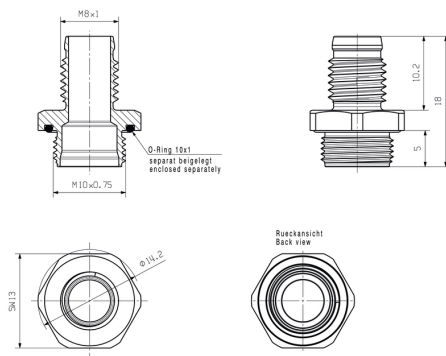
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Drawings

Dimensioned drawing



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www.weidmueller.com**Accessories****SPE Connectors****Single Pair Ethernet PCB sockets**

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General ordering data

Type	IE-BHD-SPE-FP-CN-M10X0. ...	Version
Order No.	2739640000	Locknut, PCB, M8 socket housing
GTIN (EAN)	4050118829617	
Qty.	10 pc(s).	