

Data sheet | Item number: 756-5509/030-020

Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 3-pole;

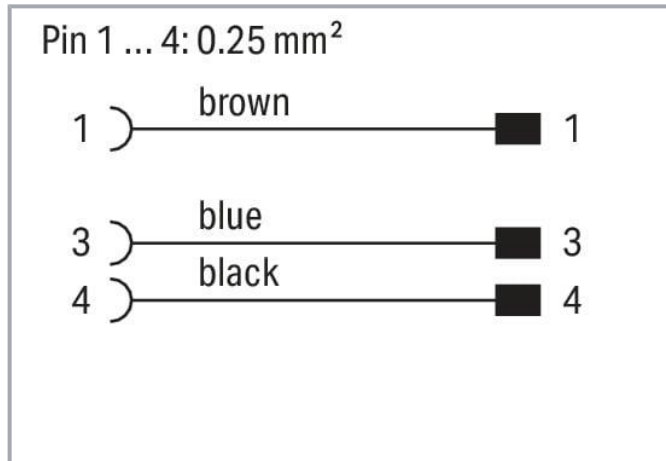
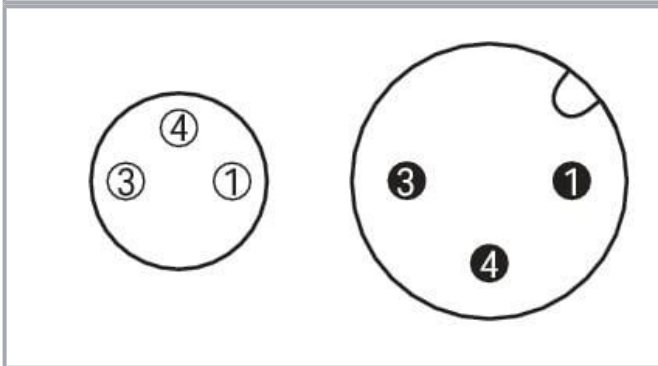
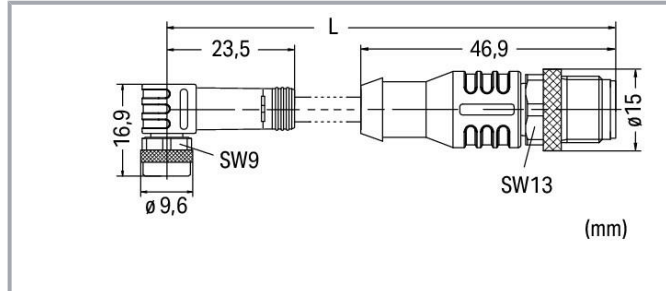
Length: 2 m



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 Picture differs from the item.



Item description

Short description:

- PUR, halogen-free
- Suitable for drag chains
- Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation.
- Good chemical resistance.
- Cable used: UL listed

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Data

Technical data

General

Operating voltage	AC/DC 60 V
Operating current	4 A
Rated surge voltage	1.5 kV
Contact resistance	10 m Ω
Conductor resistance	$\leq 60 \Omega/\text{km}$
Pollution degree	3 per VDE 0110
Protection type	IP67
Ambient (operating) temperature (static)	-50 ... +90 °C
Ambient (operating) temperature (dynamic)	-25 ... +90 °C

Suitable for drag chains

Bending radius	10 x cable diameter (min.)
Bending cycles	2 Mio.
Acceleration (min.)	5
Travel speed (max.)	3.33
Travel path (horizontal) max.	5
Travel path (vertical) max.	2
Torsional capacity	180

Cable

Cable length	2 m
Type code	LiF9YH-11YH or LiF9YC11YFHF
Conductor configuration	Bare copper wire, fine-stranded (42 x 0.1 mm)
Conductor insulation	PP9Y (halogen-free)
Sheath material	Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing
Sheathed cable color	black
Sheathed cable diameter	3.9 ... 4.3 mm

Connector

Connection type	M8 socket - M12 plug
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °

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Connector interface coding (cable/adapter) 2 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 ... 1 Nm

Commercial data

eCl@ss 10.0	27-06-03-11
eCl@ss 9.0	27-06-03-11
ETIM 8.0	EC001855
ETIM 7.0	EC001855
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918975902
Customs tariff number	85444290900

Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	4298ee18-cdbf-43e0-b071-4d3fe06edcd0
SCIP notification number (Belgium)	44fe1c47-fb60-45fe-84ef-97066c046661
SCIP notification number (Bulgaria)	71f8394f-296a-4d62-be28-75bfbcce8cdbe
SCIP notification number (Czech Republic)	7a712e90-c313-4ba0-8188-2bcab1466a7e
SCIP notification number (Denmark)	7cb483c8-6a36-468d-903c-993c2b208bfd
SCIP notification number (Finland)	7dea15a2-4725-4892-b3dd-4477ab7dd8aa
SCIP notification number (France)	c8918c7e-ec95-4c65-92ba-052b7f1fa19c
SCIP notification number (Germany)	7d0b035a-081b-4c7f-8ede-9612fec4baa1
SCIP notification number (Hungary)	8a97d117-5635-470a-a429-e64ff685cd9c
SCIP notification number (Italy)	b295599d-d104-41d1-aecd-a9a320c44c28
SCIP notification number (Netherlands)	a39d63f6-875f-47f8-86c6-b411e76d1e94
SCIP notification number (Poland)	38226268-fc97-4347-a291-128c9a6f15c0
SCIP notification number (Romania)	c78e38e5-0190-4f01-a65a-7af43415da48
SCIP notification number (Sweden)	89b8f5d8-7047-49a1-ad8e-1f8303348a37

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Downloads

Documentation

Bid Text

756-5509/030-020 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
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756-5509/030-020 doc - Datei	2017 Sep 20	doc 26.1 kB	Download
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System Description

IP67 Cables and Pluggable Connectors		pdf 161.6 kB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 756-5509/030-020		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5509/030-020 Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 3-pole; Length: 2 m		URL	Download
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Installation Notes

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