

Data sheet | Item number: 756-5509/040-020

Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 4-pole;

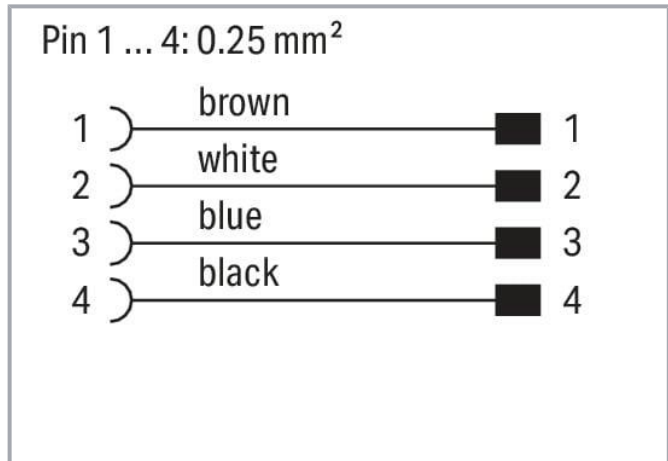
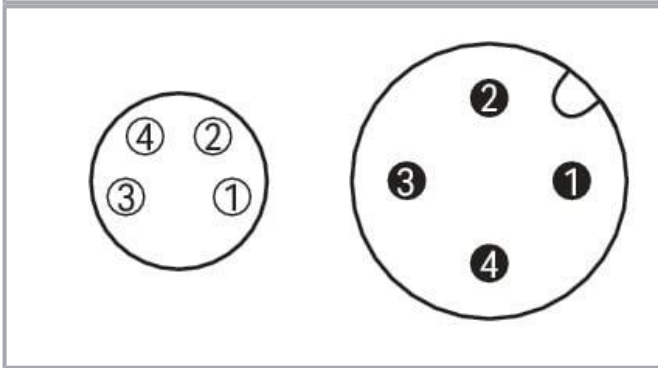
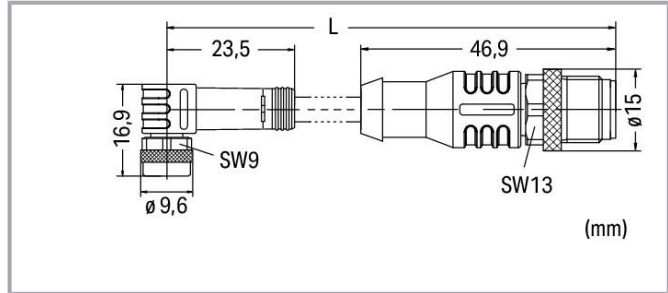
Length: 2 m



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i 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 mΩ
Conductor resistance	≤ 60 Ω/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	4044918975988
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)	0aae81ae-162f-4ffa-b6e2-502c74b605c7
SCIP notification number (Belgium)	4150406b-f8d9-47dd-930e-cb9b9d4c1bb4
SCIP notification number (Bulgaria)	b13c71d6-d9b4-486f-aad3-74477a3e8c33
SCIP notification number (Czech Republic)	4fcfa314-d788-4b13-a0d1-6c889f4b0c34
SCIP notification number (Denmark)	8e25ce01-7c9b-41dc-848c-86ec3fcb8d41
SCIP notification number (Finland)	a0349bfa-d92c-4025-b7d1-e9c0553cf914
SCIP notification number (France)	b96cb336-a5aa-4a11-8e21-ea2931388dcc
SCIP notification number (Germany)	a1a0344d-47e3-4bcb-942d-766fd8645f43
SCIP notification number (Hungary)	2870ff1f-0b11-41c8-9050-ae393019e499
SCIP notification number (Italy)	a5552a41-b376-4341-b3d6-a8a6cd36493d
SCIP notification number (Netherlands)	719a6b17-f2c0-4375-996e-13adcbd77746
SCIP notification number (Poland)	2191f6a2-99a5-4001-8f44-7a6605a48925
SCIP notification number (Romania)	fecbb7b0-eeab-4cfd-b209-4d3db330e4b1
SCIP notification number (Sweden)	828e7499-d522-492e-b634-fee06ea1e220

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Downloads

Documentation

Bid Text

756-5509/040-020 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
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756-5509/040-020 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 756-5509/040-020		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5509/040-020 Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 4-pole; Length: 2 m		URL	Download
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Installation Notes

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