

Data sheet | Item number: 756-5509/040-010

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

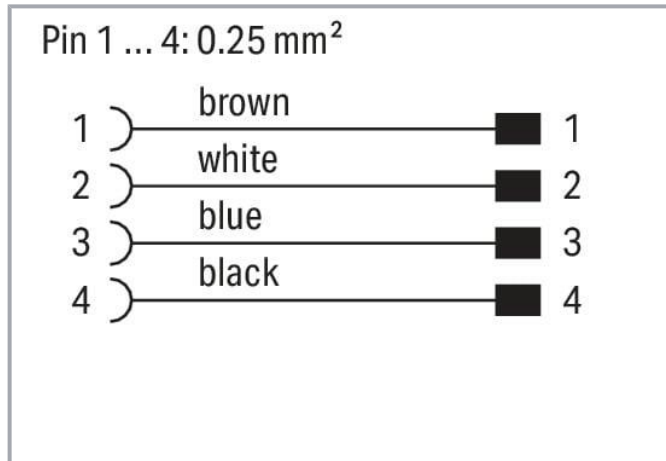
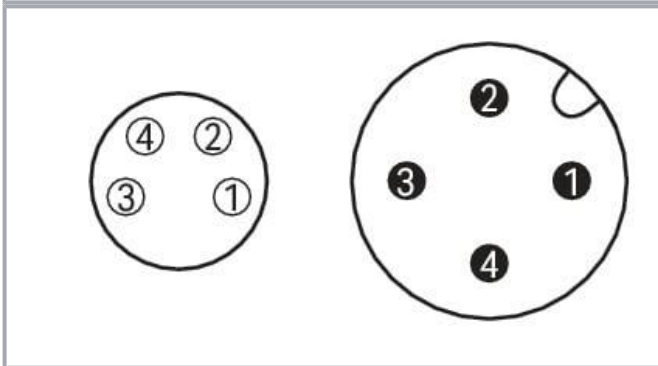
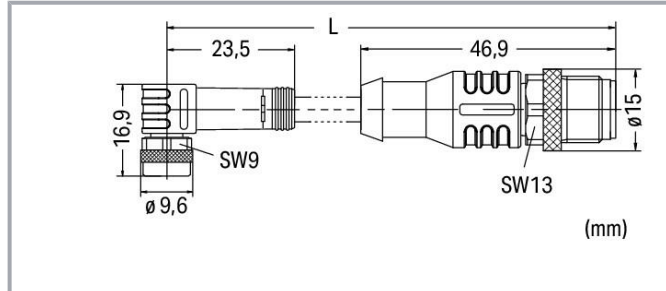
Length: 1 m



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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 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	1 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	4044918975971
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)	78b71d60-861e-48aa-944f-baf4847b7b0e
SCIP notification number (Belgium)	0086c66d-5abc-44bf-95d2-083796c952d1
SCIP notification number (Bulgaria)	fbddbfc7-0eb4-458e-89a1-3dc5c4ee83ec
SCIP notification number (Czech Republic)	213cb1c5-2d5a-4c39-80c0-74ef49cb23ef
SCIP notification number (Denmark)	35baae84-bb25-4f22-9969-841814614e12
SCIP notification number (Finland)	f965d92a-398a-4399-9760-1826cb73271e
SCIP notification number (France)	20f27b76-7282-4ec5-b16b-c5407ed00483
SCIP notification number (Germany)	a110eaae-9df1-469c-a5d0-cf533b07ad2c
SCIP notification number (Hungary)	3c5b9d2a-5489-4e74-b87d-e37b9746ce1c
SCIP notification number (Italy)	4d283c18-9898-478e-bcbd-bb07e37cdd0b
SCIP notification number (Netherlands)	51670a28-56b2-4f7e-ae9d-15cd5f64eb7f
SCIP notification number (Poland)	f8d3f38f-f9bf-4f54-afb8-be0a3165ea10
SCIP notification number (Romania)	b1b8a06d-dc40-4a63-86a5-b69029af2b59
SCIP notification number (Sweden)	bf8dcfc7-51a9-4fcd-92de-494aeb078d04

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Downloads

Documentation

Bid Text

756-5509/040-010 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
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756-5509/040-010 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 756-5509/040-010		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5509/040-010 Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 4-pole; Length: 1 m		URL	Download
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Installation Notes

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