

Data sheet | Item number: 756-5509/030-010

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

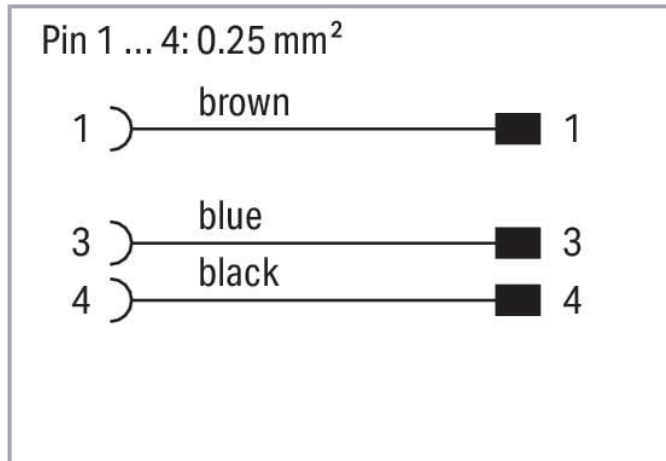
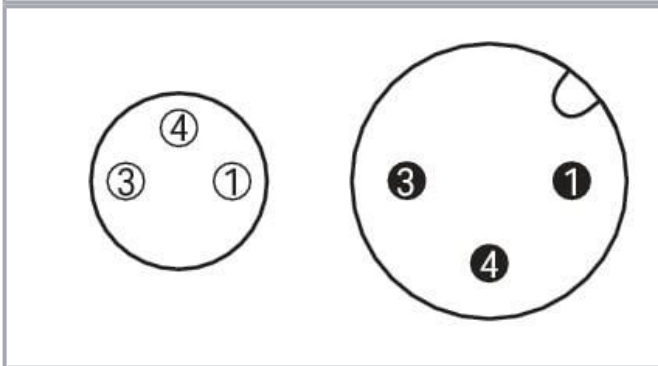
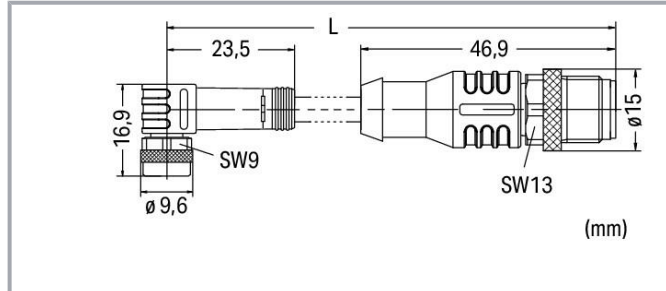
Length: 1 m



[www.wago.com/756-5509/030-010](http://www.wago.com/756-5509/030-010)



 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 °

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



Connector interface coding (cable/adaptor) 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	4044918975889
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)	561fe41b-99c2-4f1a-86ef-0b8f5103a8cc
SCIP notification number (Belgium)	c8aba4ce-2328-4df9-9487-2ab33550b644
SCIP notification number (Bulgaria)	66b9ac39-606c-4899-b62d-6d3b53ceec82
SCIP notification number (Czech Republic)	9f40e29e-0dd6-4986-93f7-0a33983e5885
SCIP notification number (Denmark)	bceed0f2-8181-4f51-87fc-7589e6cf54ce
SCIP notification number (Finland)	81cfd8db-aa80-4035-a9f1-d39bf14c5bfe
SCIP notification number (France)	d77de56f-ac4b-4def-ae74-d3138f8efb88
SCIP notification number (Germany)	e7b7ec88-b979-47e2-8ce5-daf6f3e0873f
SCIP notification number (Hungary)	2f2bdb8c-75b3-47fd-9b73-84332884263e
SCIP notification number (Italy)	acd49bdc-6f13-43d2-ae72-810b16321c9a
SCIP notification number (Netherlands)	b83d5002-cb1e-404a-b6fd-7c00c7d61c2e
SCIP notification number (Poland)	6dbb2d88-aa77-4ab9-a168-dda9843ce5ba
SCIP notification number (Romania)	f9d4e4d5-f003-47af-b228-c270dc0f5ad8
SCIP notification number (Sweden)	87b769ef-459f-4c7e-80b3-da2798f71a80

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## Downloads

### Documentation

#### Bid Text

756-5509/030-010 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
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756-5509/030-010 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 756-5509/030-010		URL	Download
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## Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 756-5509/030-010 Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 3-pole; Length: 1 m		URL	Download
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## Installation Notes

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