

Data sheet | Item number: 756-5501/030-020

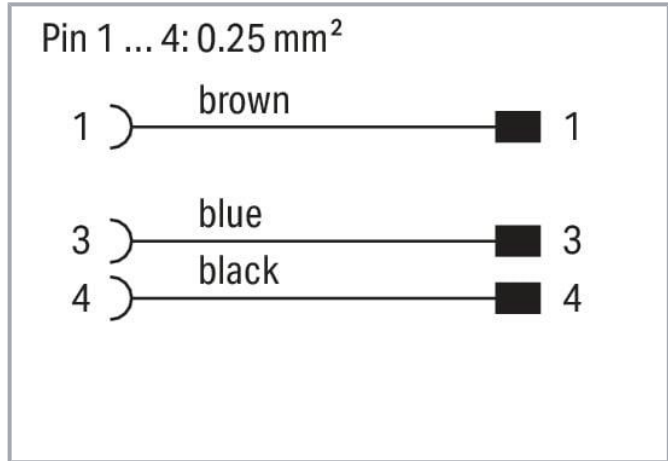
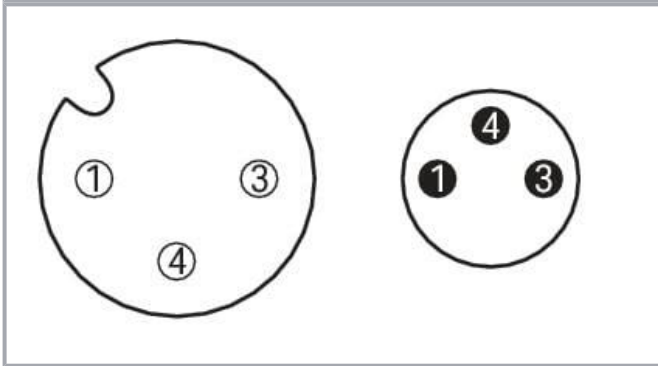
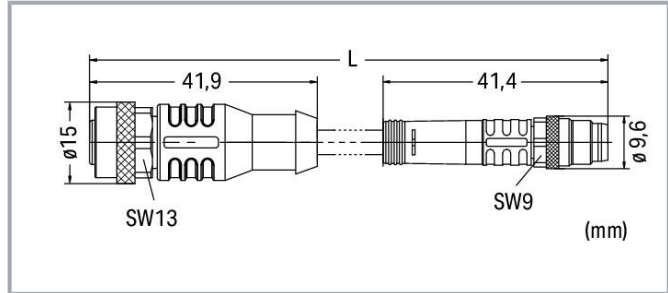
Sensor/Actuator cable; M12A socket; straight; M8 plug; straight; 3-pole;  
Length: 2 m



[www.wago.com/756-5501/030-020](http://www.wago.com/756-5501/030-020)



 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	M12 Socket - M8 plug
Cable connection direction to mating direction	0°
Cable connection direction to mating direction (2)	0°

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



Connector interface coding (cable/adapter) 1 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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918974707
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)	28b4f8b9-466e-4a94-b0f3-3cc632496740
SCIP notification number (Belgium)	dad34075-221c-42f5-8275-167e4bfb31d
SCIP notification number (Bulgaria)	3d9952ad-0358-467e-808d-bc7575dabe62
SCIP notification number (Czech Republic)	79e315e3-3768-4e77-99ac-f91240f5e5c0
SCIP notification number (Denmark)	506c97ad-a4d1-41e2-9f1f-eda6dbb5cb59
SCIP notification number (Finland)	19055bf1-5362-4f44-be9d-e5725be2965e
SCIP notification number (France)	1de0e735-d2a2-4e50-9ac8-a5fe69333f3a
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SCIP notification number (Italy)	c470a957-682e-4ce6-886e-08458e247a55
SCIP notification number (Netherlands)	db999b91-31c8-4cba-a808-6ffd5e70dbd7
SCIP notification number (Poland)	58ec3fee-c202-4c96-bca6-999972845e89
SCIP notification number (Romania)	55378b15-da03-43cc-b46c-620f316a2153
SCIP notification number (Sweden)	ee5619c5-d4c0-4464-8f76-355a53fe4910

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## Downloads

### Documentation

#### Bid Text

756-5501/030-020 X81 - Datei	2019 Feb 19	xml 3.3 kB	Download
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756-5501/030-020 doc - Datei	2017 Sep 20	doc 27.1 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 756-5501/030-020		URL	Download
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## Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 756-5501/030-020 Sensor/Actuator cable; M12A socket; straight; M8 plug; straight; 3-pole; Length: 2 m		URL	Download
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## Installation Notes

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