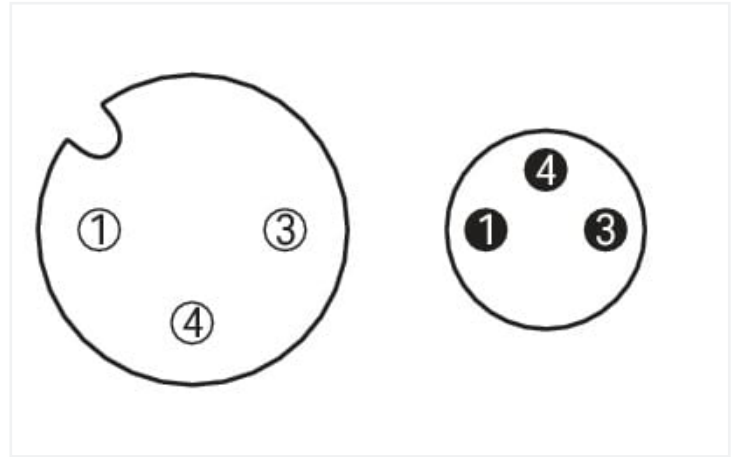


# Data Sheet | Item Number: 756-5501/030-020

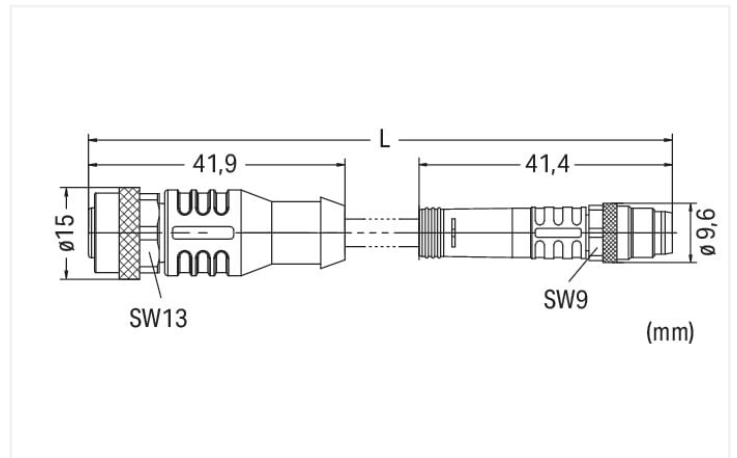
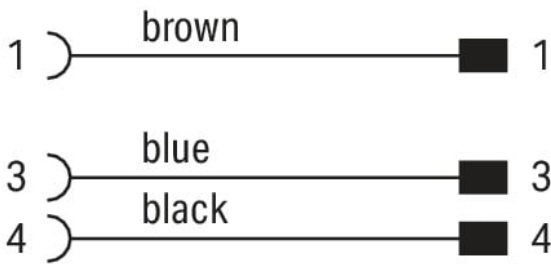
Sensor/Actuator cable; M12A socket; straight; M8 plug; straight; 3-pole; Length: 2 m

<https://www.wago.com/756-5501/030-020>



Similar to illustration

Pin 1 ... 4: 0.25 mm<sup>2</sup>



Dimensions in mm

## 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

## Technical data

### General information

Operating voltage	AC/DC 60 V
Operating current	4 A
Rated surge voltage	1.5 kV
Insulation resistance	>10 <sup>9</sup> Ω
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

### Drag chain compatible

Bending radius	10 x cable diameter (min.)
Bending cycles	2 million
Acceleration (min.)	5 m/s <sup>2</sup>
Travel speed (max.)	3.33 m/s
Travel path (horizontal) max.	5 m
Travel path (vertical) max.	2 m
Torsional capacity	180 °/m

Cable		Connector	
Cable length	2 m	Connection type	M12 Socket - M8 plug
Type code	LiF9YH-11YH or LiF9YC11YFHF	Pole number	3
Conductor configuration	Bare copper wire, fine-stranded (42 x 0.1 mm)	Cable connection direction to mating direction	0 °
Conductor insulation	PP9Y (halogen-free)	Cable connection direction to mating direction (2)	0 °
Sheath material	Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing	Connector interface coding (cable/adapter) 1 1	A-coded
Sheathed cable color	black	Housing material	Polyurethane (PUR)
Sheathed cable diameter	3.9 ... 4.3 mm	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
SCIP notification number (Germany)	a5ab1c5a-f9c2-4756-9dcf-fe0bb901f149
SCIP notification number (Hungary)	cf0b6c71-1708-4ea1-85a3-293372a69270
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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**Documentation**

**System Description**

IP67 Cables and Plug-gable Connectors

pdf  
157.80 KB



**Bid Text**

756-5501/030-020

19.02.2019

xml  
3.20 KB



756-5501/030-020

20.09.2017

doc  
26.50 KB



**CAD/CAE-Data**

**CAE data**

WSCAD Universe  
756-5501/030-020

