

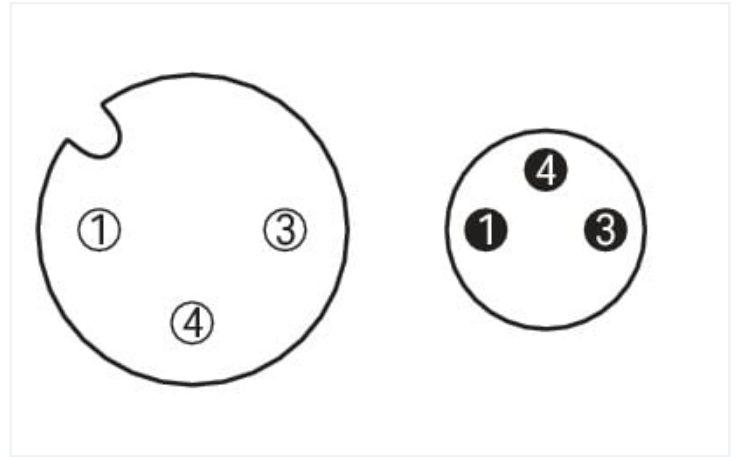
# Data Sheet | Item Number: 756-5503/030-010

Sensor/Actuator cable; M12A socket; angled; M8 plug; straight; 3-pole; Length: 1 m

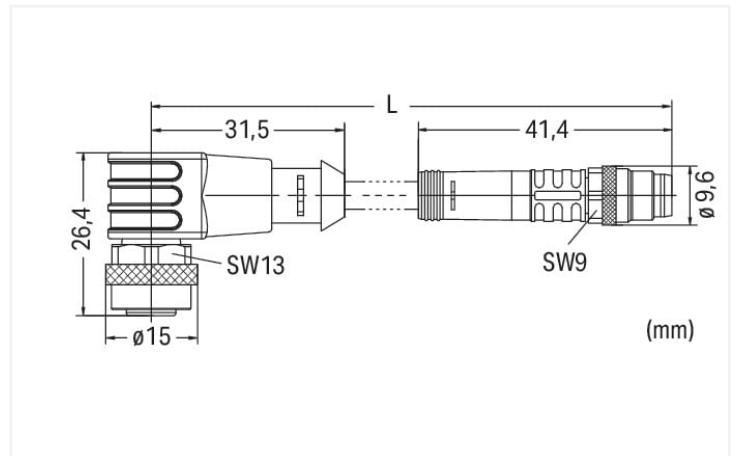
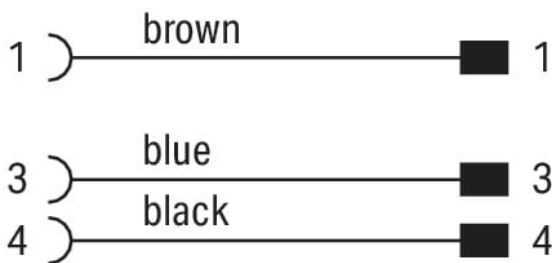
<https://www.wago.com/756-5503/030-010>



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	1 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	90 °
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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918974806
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)	edb410b9-1b63-4fdc-ac18-9d2832473dac
SCIP notification number (Belgium)	e4b67269-385c-4120-a009-5269dc6f4daa
SCIP notification number (Bulgaria)	85978986-2d93-4829-9af0-699a92a4f9ec
SCIP notification number (Czech Republic)	328d78b1-ae52-4999-a1cc-37bfc8e9536d
SCIP notification number (Denmark)	d81f2019-edf2-42b4-9e3f-119ff93fbc84
SCIP notification number (Finland)	6a4b4b6b-709e-4972-a80f-9acf57224575
SCIP notification number (France)	fd21f00a-aec4-4f18-9239-d37a801493b2
SCIP notification number (Germany)	2d0eb667-8125-4638-adb9-c26f288c8404
SCIP notification number (Hungary)	5eaff33c-7904-42fc-9dd1-3a243fc0599e
SCIP notification number (Italy)	c45e739d-8922-43c8-a645-0f0a24f23c9d
SCIP notification number (Netherlands)	96db5eb8-191d-4e36-9a5d-b623b1240e9e
SCIP notification number (Poland)	f380bdd4-e4af-4270-a3ee-63e641aebf43
SCIP notification number (Romania)	2bfb1321-a185-4625-ae01-289f986656e6
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**Documentation**

**System Description**

IP67 Cables and Plug-gable Connectors

pdf  
157.80 KB



**Bid Text**

756-5503/030-010

19.02.2019

xml  
3.21 KB



756-5503/030-010

20.09.2017

doc  
26.00 KB



**CAD/CAE-Data**

**CAE data**

WSCAD Universe  
756-5503/030-010

