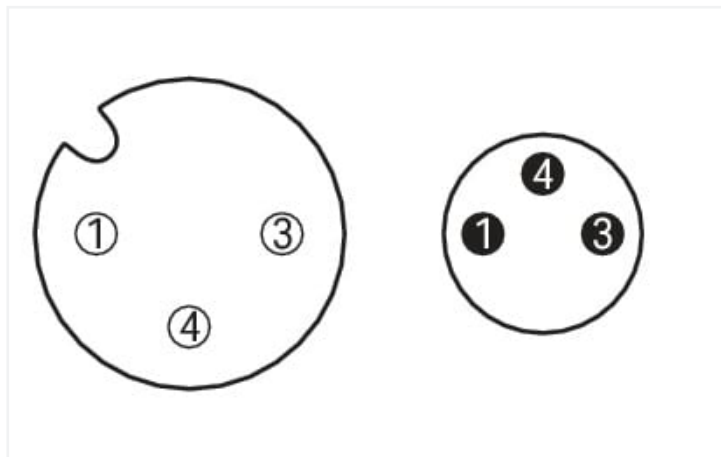


# Data Sheet | Item Number: 756-5502/030-010

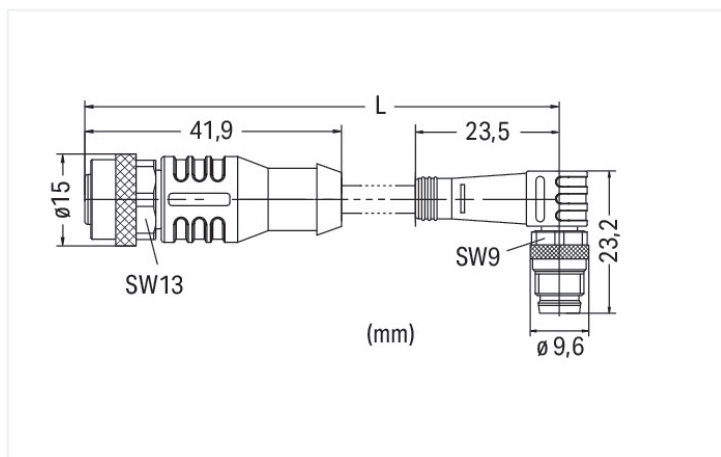
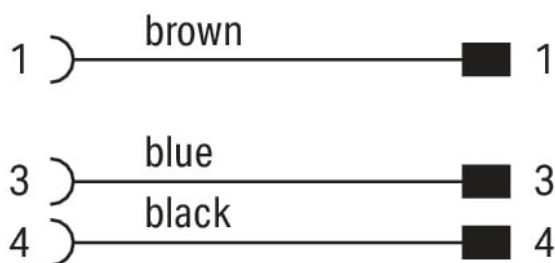
Sensor/Actuator cable; M12A socket; straight; M8 plug; angled; 3-pole; Length: 1 m

<https://www.wago.com/756-5502/030-010>



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	
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	M12 Socket - M8 plug
Pole number	3
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	90 °
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)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918974769
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)	571f2937-1635-4ef8-9388-2777db7a0628
SCIP notification number (Belgium)	70e1dbdf-3593-4e0b-bb29-e24220808ab7
SCIP notification number (Bulgaria)	c44f51a8-fe11-42c1-9536-de5c6bfe17b4
SCIP notification number (Czech Republic)	354e03ec-1eb0-4494-8fd7-7271926e780f
SCIP notification number (Denmark)	2b97e565-3b79-4425-8101-a0ccf7288bf4
SCIP notification number (Finland)	ce89dc46-42ec-452a-95b6-7f47710419d8
SCIP notification number (France)	85f9191b-8fe3-424d-8d73-6b8fc38e6117
SCIP notification number (Germany)	cc7b86fa-5745-4a2b-8047-8b61c9f1e3c8
SCIP notification number (Hungary)	bceab832-812a-4297-9df6-b3820b17624b
SCIP notification number (Italy)	ee5ed388-e506-4b10-ae62-ce34b6bfb92
SCIP notification number (Netherlands)	6dade569-cb22-407b-bcf3-bbf471ffebf2
SCIP notification number (Poland)	85cf7bc4-025b-4c76-a341-0add37e61c92
SCIP notification number (Romania)	40224392-ec41-452f-bfe8-dafebec7bba6
SCIP notification number (Sweden)	3e32b527-2592-424c-be56-8b8cbe7f372d

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
756-5502/030-010



### Documentation

#### System Description

IP67 Cables and Plug-  
gable Connectors

pdf  
157.80 KB



#### Bid Text

756-5502/030-010

19.02.2019

xml  
3.21 KB



756-5502/030-010

20.09.2017

doc  
26.00 KB



### CAD/CAE-Data

#### CAE data

WSCAD Universe  
756-5502/030-010

