

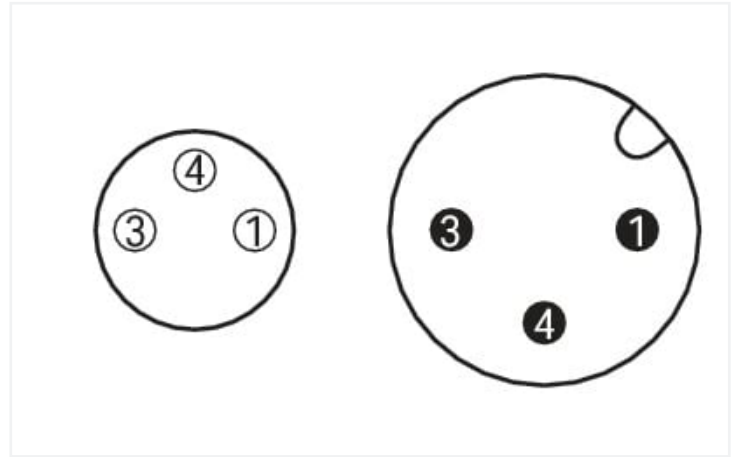
Data Sheet | Item Number: 756-5509/030-020

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

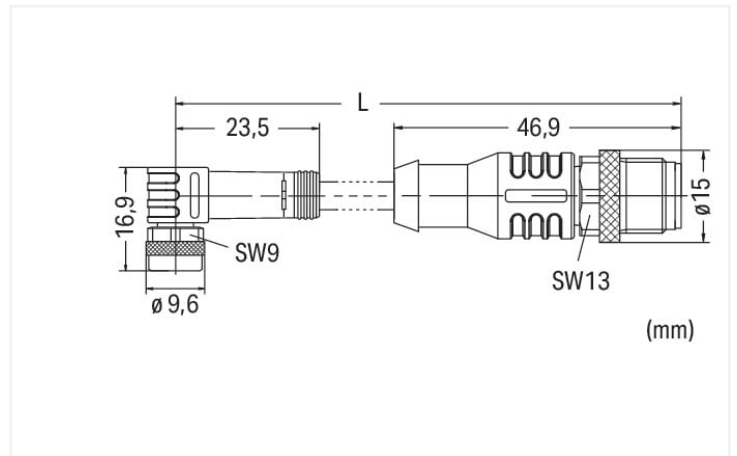
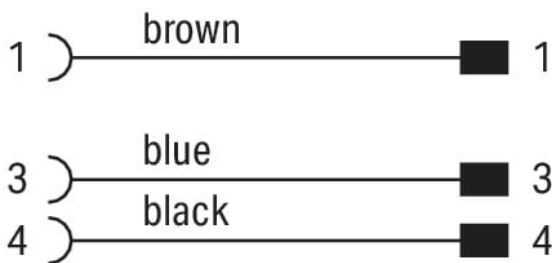
<https://www.wago.com/756-5509/030-020>



Similar to illustration



Pin 1 ... 4: 0.25 mm²



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 ⁹ 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 ²
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	M8 socket - M12 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) 2 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	DE
GTIN	4044918975902
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)	4298ee18-cdbf-43e0-b071-4d3fe06edcd0
SCIP notification number (Belgium)	44fe1c47-fb60-45fe-84ef-97066c046661
SCIP notification number (Bulgaria)	71f8394f-296a-4d62-be28-75bfbce8cdbe
SCIP notification number (Czech Republic)	7a712e90-c313-4ba0-8188-2bcab1466a7e
SCIP notification number (Denmark)	7cb483c8-6a36-468d-903c-993c2b208bfd
SCIP notification number (Finland)	7dea15a2-4725-4892-b3dd-4477ab7dd8aa
SCIP notification number (France)	c8918c7e-ec95-4c65-92ba-052b7f1fa19c
SCIP notification number (Germany)	7d0b035a-081b-4c7f-8ede-9612fec4baa1
SCIP notification number (Hungary)	8a97d117-5635-470a-a429-e64ff685cd9c
SCIP notification number (Italy)	b295599d-d104-41d1-aecd-a9a320c44c28
SCIP notification number (Netherlands)	a39d63f6-875f-47f8-86c6-b411e76d1e94
SCIP notification number (Poland)	38226268-fc97-4347-a291-128c9a6f15c0
SCIP notification number (Romania)	c78e38e5-0190-4f01-a65a-7af43415da48
SCIP notification number (Sweden)	89b8f5d8-7047-49a1-ad8e-1f8303348a37

Downloads

Environmental Product Compliance

Compliance Search

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756-5509/030-020



Documentation

System Description

IP67 Cables and Plug-gable Connectors

pdf
157.80 KB



Bid Text

756-5509/030-020

19.02.2019

xml
3.21 KB



756-5509/030-020

20.09.2017

doc
25.50 KB



CAD/CAE-Data

CAE data

WSCAD Universe
756-5509/030-020

