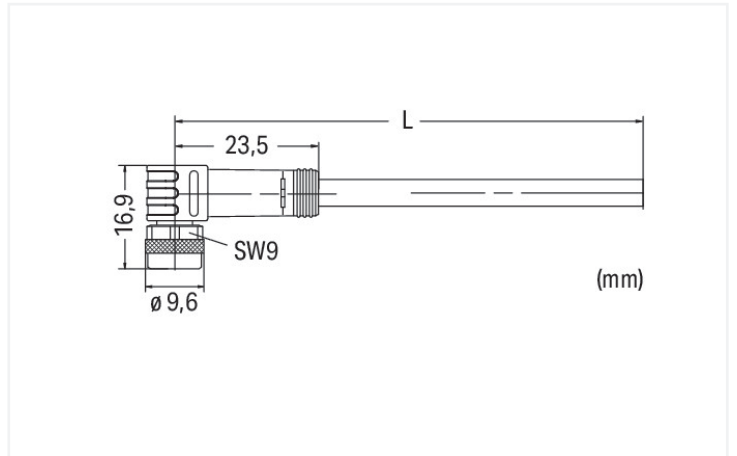
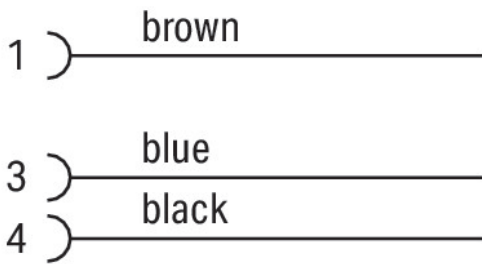


Similar to illustration

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	1.5 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	M8 socket - free end
Pole number	3
Cable connection direction to mating direction	90 °
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 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	CZ
GTIN	4044918973311
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)	483208b0-c958-4f22-8924-b91ec3ec3ed2
SCIP notification number (Belgium)	00d4ea08-65a4-452d-b280-6641300715b2
SCIP notification number (Bulgaria)	e93dbeee-8d32-4375-adc7-b573a76cfc07
SCIP notification number (Czech Republic)	5326b54e-fa75-4da4-b08e-05c4faf37d47
SCIP notification number (Denmark)	792a24f2-0151-4809-932e-93f073ab81ac
SCIP notification number (Finland)	abdae9a8-b82c-4d6c-913a-bef03d14de23
SCIP notification number (France)	efe4cc73-a89f-4f30-ac90-4d1114e9e05f
SCIP notification number (Germany)	4885b0dd-71fd-4396-88b9-d1b5fe326e54
SCIP notification number (Hungary)	b1ad8225-f784-426e-9e50-6696405a69b7
SCIP notification number (Italy)	14faac97-0b11-4eb8-adc9-9d829703ac9a
SCIP notification number (Netherlands)	cb7200ad-eb60-4e5d-a753-1776dfb0ab5f
SCIP notification number (Poland)	d5e107ee-2e01-4cf0-b967-10bdb0d96482
SCIP notification number (Romania)	740539ea-8c67-4289-8506-051864648e27
SCIP notification number (Sweden)	a5563e51-b688-4d1c-870f-e03576cb575a

## Approvals / Certificates

### General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2238	E519602

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product Compliance  
756-5102/030-015



**Documentation**

**System Description**

IP67 Cables and Plug-gable Connectors

pdf  
157.80 KB



**Bid Text**

756-5102/030-015

19.02.2019

xml  
3.21 KB



756-5102/030-015

20.09.2017

doc  
25.50 KB



**CAD/CAE-Data**

**CAE data**

WSCAD Universe  
756-5102/030-015

