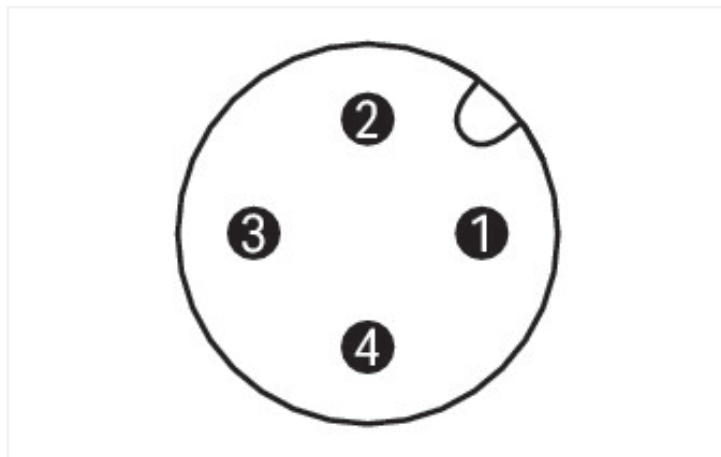


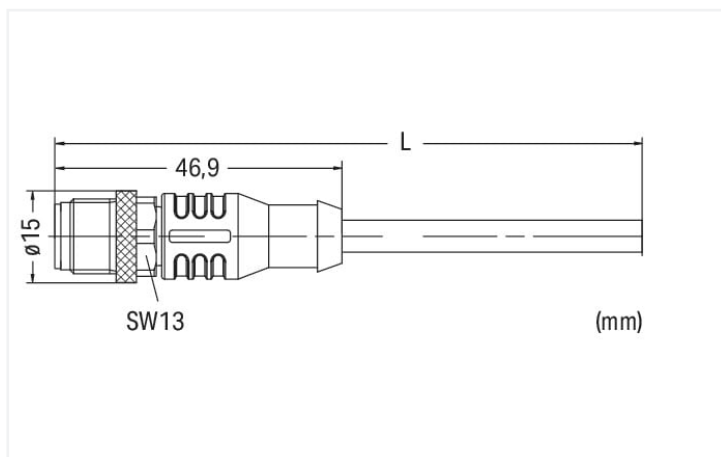


Similar to illustration



Pin 1 ... 4: 0.34 mm<sup>2</sup>

- 1 ■ brown
- 2 ■ white
- 3 ■ blue
- 4 ■ black



Dimensions in mm

**Short description:**

- PUR, halogen-free
- Suitable for drag chains
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- High chemical resistance
- Cable used: UL listed

**Technical data**

**General information**

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	2.5 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	5 m	Connection type	M12 plug - free end
Type code	LiF9YH-11YH or LiF9YC11YFHF	Pole number	4
Conductor configuration	Bare copper wire, fine-stranded (42 x 0.1 mm)	Cable connection direction to mating direction	0 °
Conductor insulation	PP9Y (halogen-free)	Connector interface coding (cable/adapter) 1 1	A-coded
Sheath material	Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing	Housing material	Polyurethane (PUR)
Sheathed cable color	black	Contact material	CuSn
Sheathed cable diameter	4.5 ... 4.9 mm	Tightening torque	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	4045454942106
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)	e968aad3-0531-4d87-ba4d-98abb0007ba0
SCIP notification number (Belgium)	929a3eda-fec3-4ebc-b954-216bc37cbf21
SCIP notification number (Bulgaria)	d6a5fe52-8cf9-4ae7-802a-a98a05a70f24
SCIP notification number (Czech Republic)	5dbe8fd3-223a-4af4-9456-f9d13db54211
SCIP notification number (Denmark)	9bc01d87-b5bf-4c67-9ba7-738d58ab31f7
SCIP notification number (Finland)	81331658-f984-4c7f-90e3-97860fec1003
SCIP notification number (France)	23f188d0-fee6-4bb1-ad67-8c243f2c1f51
SCIP notification number (Germany)	a7ff9c5c-77b4-412b-971a-a2fa1e6444e5
SCIP notification number (Hungary)	347f4336-0d07-4dfc-9d7b-b09357ce3079
SCIP notification number (Italy)	4c1b6b30-c9c9-447a-8d4a-7b21cd00f2bb
SCIP notification number (Netherlands)	7ae08416-7413-41d3-8584-0ebd609e5dba
SCIP notification number (Poland)	131c9ac5-8b67-4c86-a83b-dfb58addd2da
SCIP notification number (Romania)	efe8966c-660c-4c6f-882d-7f3093790924
SCIP notification number (Sweden)	0bc7d620-f1a3-47f3-a354-e29b563b33e6

## Approvals / Certificates

### General approvals



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

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
756-5311/040-050



### Documentation

#### System Description

IP67 Cables and Plug-  
gable Connectors

pdf  
157.80 KB



#### Bid Text

756-5311/040-050

19.02.2019

xml  
3.24 KB



756-5311/040-050

20.09.2017

doc  
26.00 KB



### CAD/CAE-Data

#### CAE data

WSCAD Universe  
756-5311/040-050

