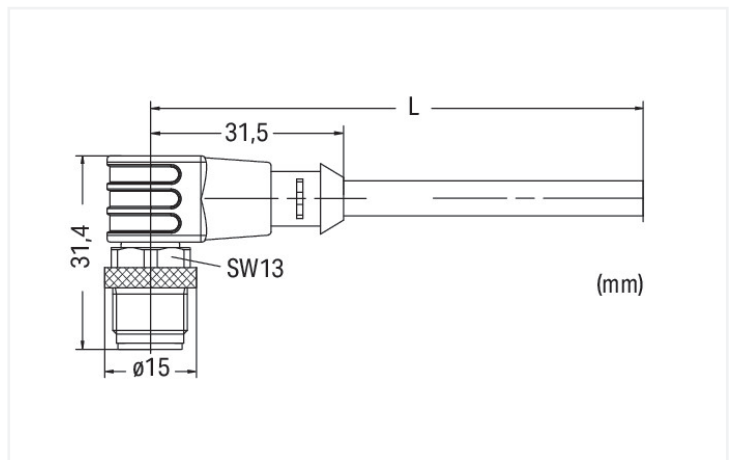
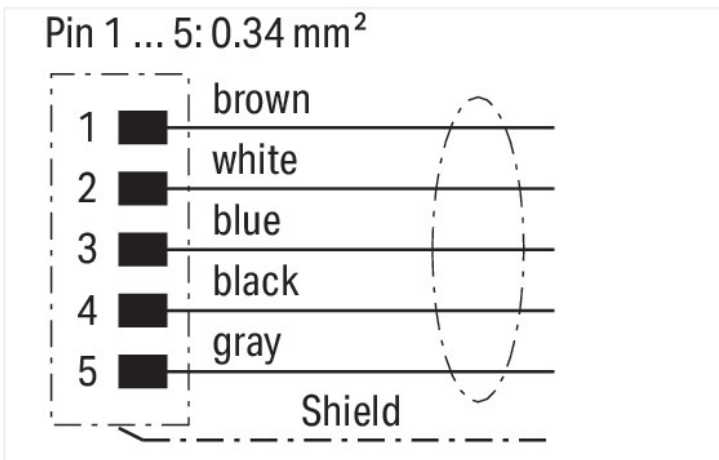
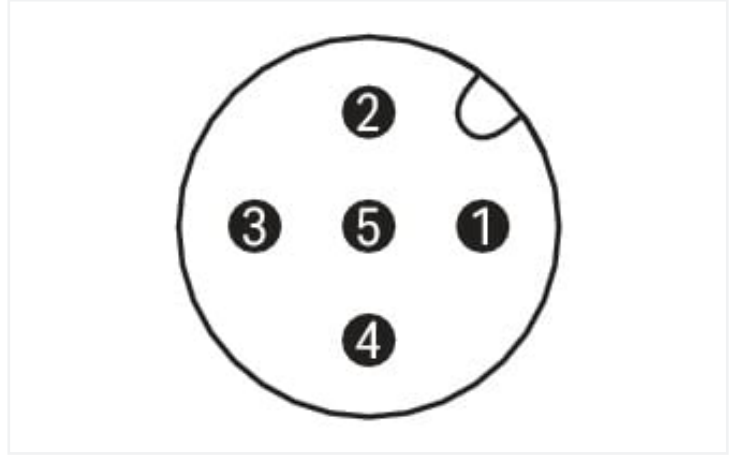




Similar to illustration



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	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	6.3 ... 6.7 mm

### Connector

Connection type	M12 plug - free end
Pole number	5
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adaptor) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
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	4045454942359
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)	2311cec6-93d8-4415-89a4-777d01d4ffaa
SCIP notification number (Belgium)	2a1d2944-933a-480c-b0e7-966cde73c2d1
SCIP notification number (Bulgaria)	f8a68721-47bd-40c2-81b0-31b1d919814c
SCIP notification number (Czech Republic)	5a75bd69-3259-4d56-bd32-9bc4a81ca78c
SCIP notification number (Denmark)	c0e3760b-eb5a-438b-bd53-ccb7dd0a9978
SCIP notification number (Finland)	88c6c55c-7101-43ff-9b94-abc89a11116c
SCIP notification number (France)	856cc39f-a1e2-4994-b605-feca6721bdde
SCIP notification number (Germany)	e8385445-1482-4cc8-9d05-3d40aaa07dd4
SCIP notification number (Hungary)	33d1ceb0-3094-42a7-b6b0-27079edbe174
SCIP notification number (Italy)	d76b567b-dae5-43cc-a99d-c209056e0dc6
SCIP notification number (Netherlands)	7006acad-bf14-4f36-a1ed-43d7f2728c6
SCIP notification number (Poland)	6805a639-cb99-4273-b455-49f825ebb3c3
SCIP notification number (Romania)	1cb14d70-bbfd-46b5-974c-e7ad0c6d8ece
SCIP notification number (Sweden)	a40234ae-59a5-476a-b510-df6bd03d85a2

### Approvals / Certificates

#### General approvals



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

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product Compliance  
756-5312/060-015



**Documentation**

**System Description**

IP67 Cables and Plug-gable Connectors

pdf  
157.80 KB



**Bid Text**

756-5312/060-015

20.09.2017

doc  
27.00 KB



756-5312/060-015

19.02.2019

xml  
3.29 KB



**CAD/CAE-Data**

**CAE data**

WSCAD Universe  
756-5312/060-015

