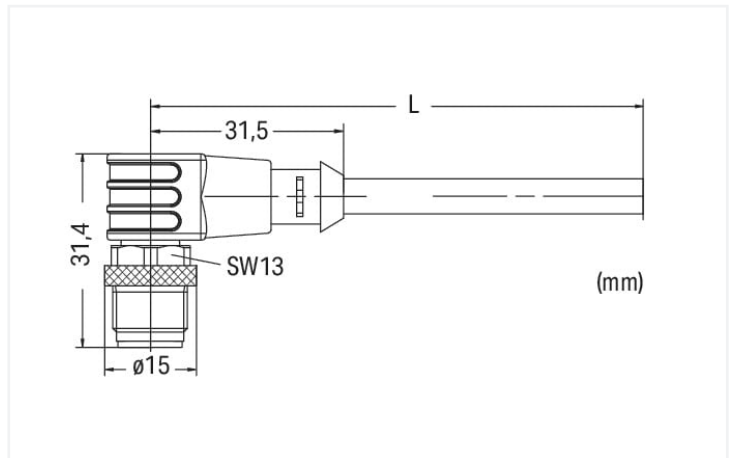
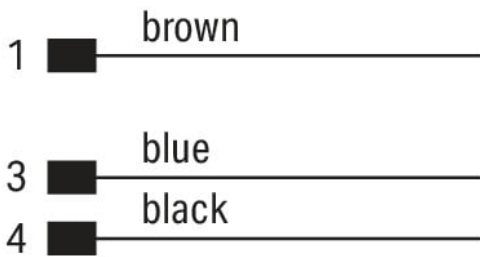


Similar to illustration

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



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	
Cable length	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	4.1 ... 4.5 mm

Connector	
Connection type	M12 plug - free end
Pole number	3
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adapter) 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	4045454942229
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)	d2a9d750-5262-4eba-ae1d-f4e7963fa4b8
SCIP notification number (Belgium)	9eab8a5b-52ff-43d8-b123-b215a4b8069c
SCIP notification number (Bulgaria)	7f4760c9-fe19-4761-b234-492435540c19
SCIP notification number (Czech Republic)	cfedc749-dd95-4dba-8a4b-782167bbf683
SCIP notification number (Denmark)	9a2828f2-3605-4423-a3b0-977d58d69794
SCIP notification number (Finland)	b0829a01-e16f-4a96-8661-978734fc9c19
SCIP notification number (France)	1c7b5140-0369-4943-b09f-eb69afea945f
SCIP notification number (Germany)	a6179b31-8c03-40c4-9276-a9de1742c4db
SCIP notification number (Hungary)	1f31e8a1-785e-4e38-8c21-e22659b15d76
SCIP notification number (Italy)	e05ab6de-3328-4e4c-b757-73fcc5683316
SCIP notification number (Netherlands)	1330af78-cecb-43f8-b8fc-fee56d6c7e1
SCIP notification number (Poland)	672eb21a-9e83-41ee-80a5-a567d0217ef1
SCIP notification number (Romania)	ec3c0cee-6d3d-4c9a-9195-7084ae01af8b
SCIP notification number (Sweden)	f0b72fe1-9e9a-4a0c-aa16-063c0d0b1c92

## Approvals / Certificates

### General approvals



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

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
756-5312/030-050



### Documentation

#### System Description

IP67 Cables and Plug-  
gable Connectors

pdf  
157.80 KB



#### Bid Text

756-5312/030-050

19.02.2019

xml  
3.21 KB



756-5312/030-050

20.09.2017

doc  
26.00 KB



### CAD/CAE-Data

#### CAE data

WSCAD Universe  
756-5312/030-050

