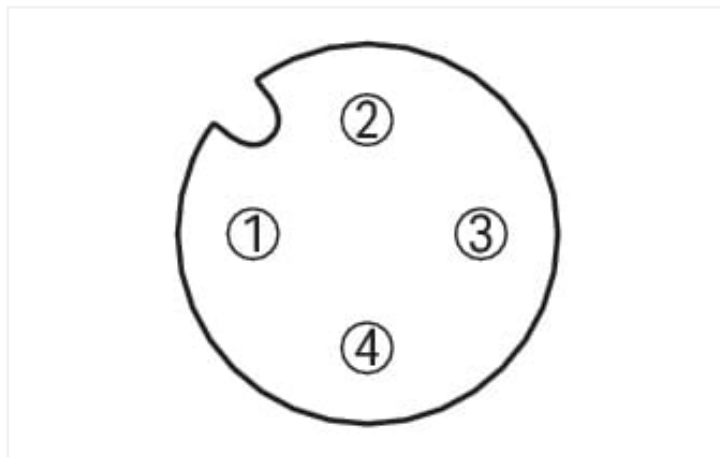
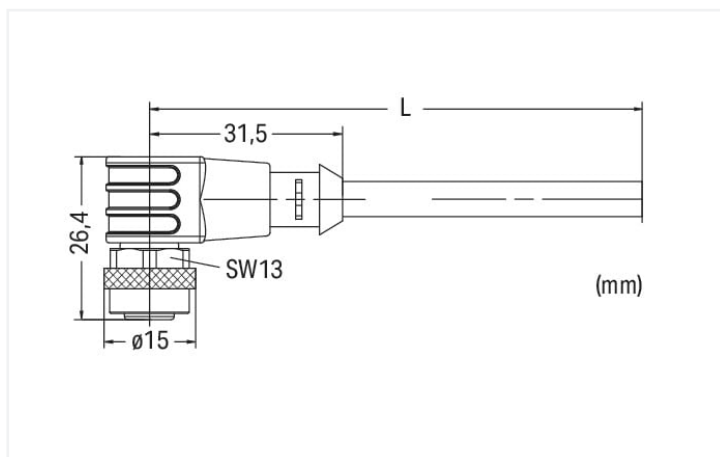
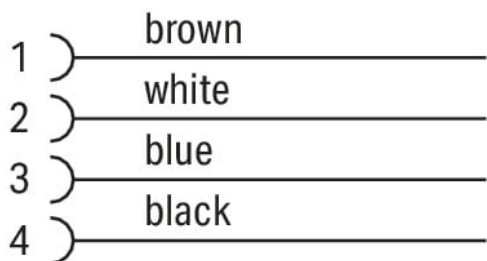




Similar to illustration



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 diameter (min.)	3 mm
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	4.5 ... 4.9 mm

Connector	
Connection type	M12 Socket - free end
Pole number	4
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	4044918974967
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)	77fc5d92-4758-48f5-8dc9-24df4ede8723
SCIP notification number (Belgium)	91cad76b-1f0b-4c80-9ab8-d4952389076f
SCIP notification number (Bulgaria)	8186314d-33ca-46d2-a1cc-451ffa02e5ad
SCIP notification number (Czech Republic)	c4c15f1c-17e1-4f98-b90d-d9387c7102df
SCIP notification number (Denmark)	7b213aaa-aff5-49aa-97e4-50fbd2ca97f2
SCIP notification number (Finland)	fa492f8d-2fa7-49f0-abec-1324047c4a88
SCIP notification number (France)	1e0f37df-00ae-42d2-ad26-2c5b09662e69
SCIP notification number (Germany)	1746cd54-1d0c-4602-8238-7ecbfe01d806
SCIP notification number (Hungary)	c41e7ab1-a77a-4e00-b57d-27333c52442b
SCIP notification number (Italy)	9d6c1b62-3914-4a40-9561-df77be925531
SCIP notification number (Netherlands)	e810d79c-b0bc-4b4a-937a-d3233ae1d3fb
SCIP notification number (Poland)	cad3de96-eb10-4c37-9e79-bc4f8cfaeae6
SCIP notification number (Romania)	9608a967-b268-4819-a802-f15d7667b19b
SCIP notification number (Sweden)	97b85f6b-46c2-402a-9a44-eae8ae932cbe

## Approvals / Certificates

### General approvals



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

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance  
756-5302/040-050



### Documentation

#### System Description

IP67 Cables and Plug-gable Connectors

pdf  
157.80 KB



#### Bid Text

756-5302/040-050

19.02.2019

xml  
3.24 KB



756-5302/040-050

20.09.2017

doc  
26.00 KB



### CAD/CAE-Data

#### CAE data

WSCAD Universe  
756-5302/040-050

