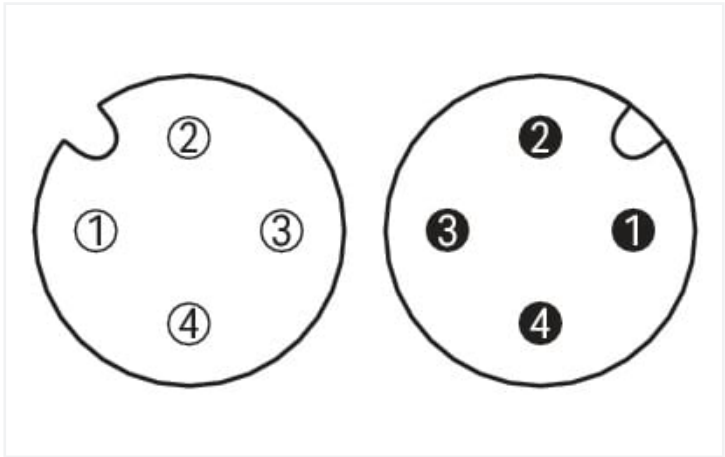




Similar to illustration



Pin 1 ... 4: 0.34 mm²

1

2

3

4

brown

white

blue

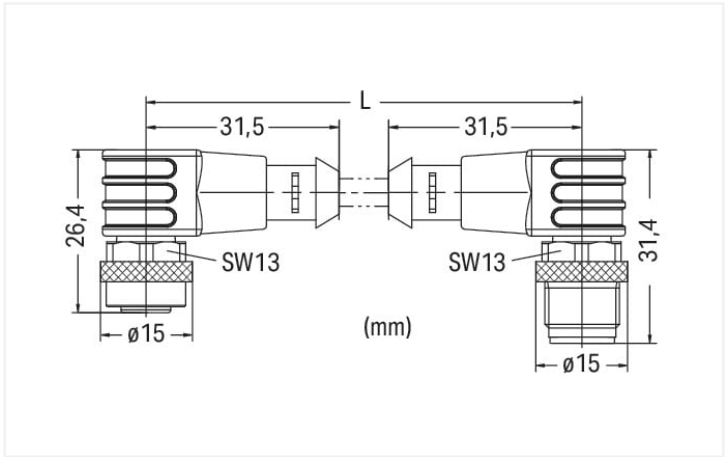
black

1

2

3

4



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		Drag chain compatible	
Operating voltage	250 VAC/DC	Bending radius	10 x cable diameter (min.)
Operating current	4 A	Bending cycles	2 million
Rated surge voltage	1.5 kV	Acceleration (min.)	5 m/s ²
Insulation resistance	> 10 ⁹ Ω	Travel speed (max.)	3.33 m/s
Contact resistance	10 mΩ	Travel path (horizontal) max.	5 m
Conductor resistance	≤ 60 Ω/km	Travel path (vertical) max.	2 m
Pollution degree	3 per VDE 0110	Torsional capacity	180 °/m
Protection type	IP67		
Ambient (operating) temperature (static)	-50 ... +90 °C		
Ambient (operating) temperature (dynamic)	-25 ... +90 °C		



Cable	
Cable length	1 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 - M12 plug
Pole number	4
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	90 °
Connector interface coding (cable/adapter) 1 1	A-coded
Connector interface coding (cable/adapter) 2 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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918975582
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)	9f2c0cf0-b4cf-4816-9d2b-28adfd222cc4
SCIP notification number (Belgium)	e0cf6d9f-c84d-44a3-9eb3-06928e19aebe
SCIP notification number (Bulgaria)	638f59fa-cb6a-48b8-89f3-7854601a5dd3
SCIP notification number (Czech Republic)	180ba053-8535-4c18-a32b-93f690dc7786
SCIP notification number (Denmark)	feffc341f-a8e1-46a6-a499-a52af47a5e1b
SCIP notification number (Finland)	f6580a0f-1c65-4f7e-983c-559c21503ded
SCIP notification number (France)	21e69472-176c-46d7-b81e-8eeb1475f1b5
SCIP notification number (Germany)	95602137-7703-47e1-a8e5-39e5bc7ac7f3
SCIP notification number (Hungary)	3f9c6772-4520-46d9-90b2-882f77554480
SCIP notification number (Italy)	9bc59a38-2ee6-4e3a-b038-ade9391389d
SCIP notification number (Netherlands)	42924365-ffb8-42bb-919b-af5cf9775268
SCIP notification number (Poland)	ebcd2143-263b-4dc1-ae5b-dcdabc1d51b8c
SCIP notification number (Romania)	23322b14-7dbc-4210-a891-d6f5f7ae97c9
SCIP notification number (Sweden)	bdbf3d2c-541b-4625-a3ff-1152b0da5e35



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 756-5404/040-010



Documentation

System Description
IP67 Cables and Plug- gable Connectors

pdf
157.80 KB



Bid Text			
756-5404/040-010	19.02.2019	xml 3.25 KB	
756-5404/040-010	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data
WSCAD Universe 756-5404/040-010

