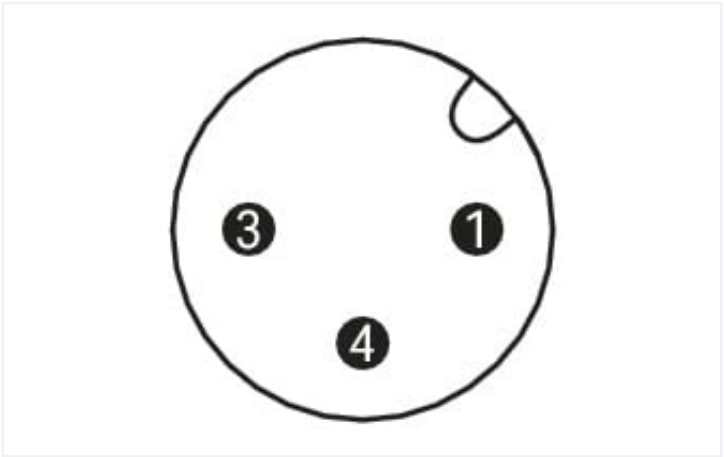
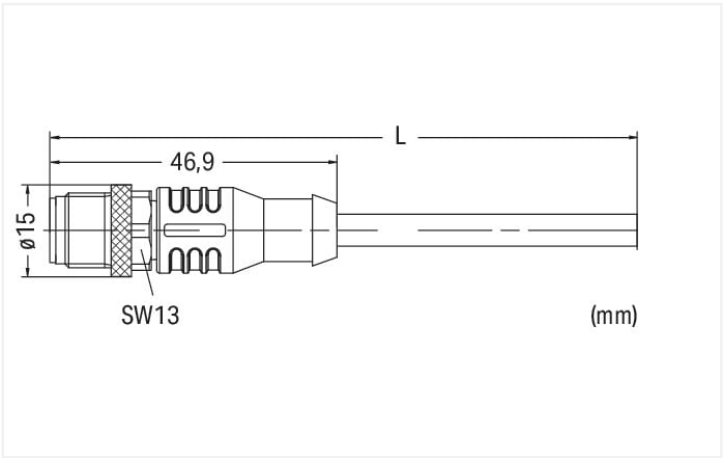




Similar to illustration

Pin 1 ... 4: 0.34 mm²

1	brown
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		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	2.5 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	1.5 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	0 °
Connector interface coding (cable/adap-ter) 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	4045454942052
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)	02688b91-a70e-4021-a7fb-d744c948d119
SCIP notification number (Belgium)	4e49bab6-0f4a-4e62-bd8c-ffd561fd8ad1
SCIP notification number (Bulgaria)	2eb57de9-e0c9-4563-ae70-1aeee57fbd05
SCIP notification number (Czech Republic)	b00c9c39-3cd3-456b-ba5e-c4d24e907133
SCIP notification number (Denmark)	4ab8dc82-cd52-4700-8611-9937dd1a8ecd
SCIP notification number (Finland)	7bdf7e37-3cc5-47bc-b614-1afb14af1075
SCIP notification number (France)	c493ef2c-b389-413e-b05f-6bb213a4fd9c
SCIP notification number (Germany)	2c4706d0-b0dd-4e9b-9fd4-a46be30da147
SCIP notification number (Hungary)	e75adcb4-a331-4fc5-bb43-852f55f3c1df
SCIP notification number (Italy)	0a14eaf4-f1eb-4971-8408-69f795474adb
SCIP notification number (Netherlands)	7fa8274f-df07-440e-a824-0c0a28e7ff9c
SCIP notification number (Poland)	0902448a-1861-4005-b033-0b8b9da6ac50
SCIP notification number (Romania)	54cab3c6-ecb1-4480-a353-4e1d4b0bc1ab
SCIP notification number (Sweden)	b89278ea-17be-4feb-8898-dbe9061a3a49

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5311/030-015		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5311/030-015 19.02.2019	xml 3.21 KB
		756-5311/030-015 20.09.2017	doc 25.50 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5311/030-015