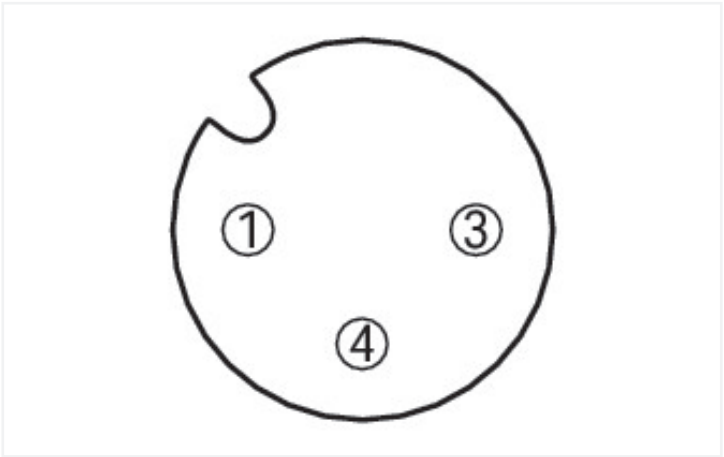




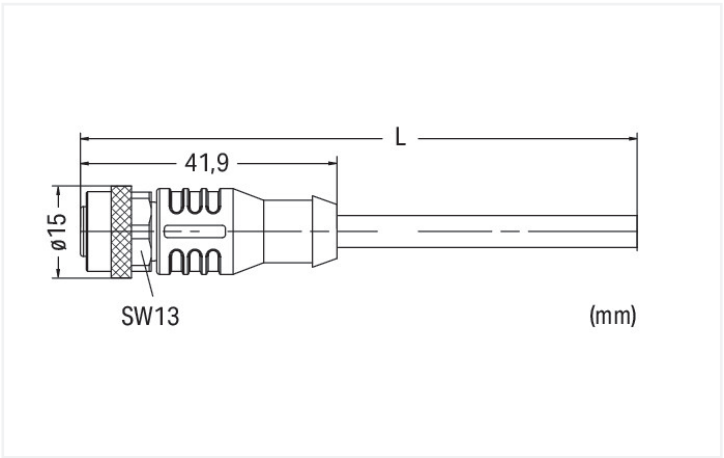
Similar to illustration

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 Socket - 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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918974875
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)	3a473ade-0128-4ea3-a56e-8f6fee859aa9
SCIP notification number (Belgium)	8771bf24-6e7b-4a4e-bd4f-7b68525f1819
SCIP notification number (Bulgaria)	07bcc335-a6b7-4b70-a64a-7f6a7d6d2c4a
SCIP notification number (Czech Republic)	922f225c-ee00-4be3-8a29-5e1b103d5696
SCIP notification number (Denmark)	10b89b33-a4ca-4cab-a9eb-373810cfceba
SCIP notification number (Finland)	9fe5dd92-4ffa-4611-be11-de172f446640
SCIP notification number (France)	225e5e8f-c8ab-4f8b-873b-b6060f888bcb
SCIP notification number (Germany)	55f88d32-cab7-4bed-a784-d963a0f03d4b
SCIP notification number (Hungary)	f05a8869-bcb4-4f3c-9c52-a128d3a86a94
SCIP notification number (Italy)	aa87e57e-a148-4597-b6fc-6325e75e6df5
SCIP notification number (Netherlands)	13841fc4-3c16-47c4-9c61-cc0d43d6e459
SCIP notification number (Poland)	dcd911ff-4d23-480b-9aec-0e67c60c4c53
SCIP notification number (Romania)	27698687-3c31-4a24-ac63-b4e2f274c6cd
SCIP notification number (Sweden)	88ab9f70-97b0-41c8-aedc-0d5c457c9817

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5301/030-015		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5301/030-015 19.02.2019	xml 3.21 KB
		756-5301/030-015 20.09.2017	doc 25.50 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5301/030-015