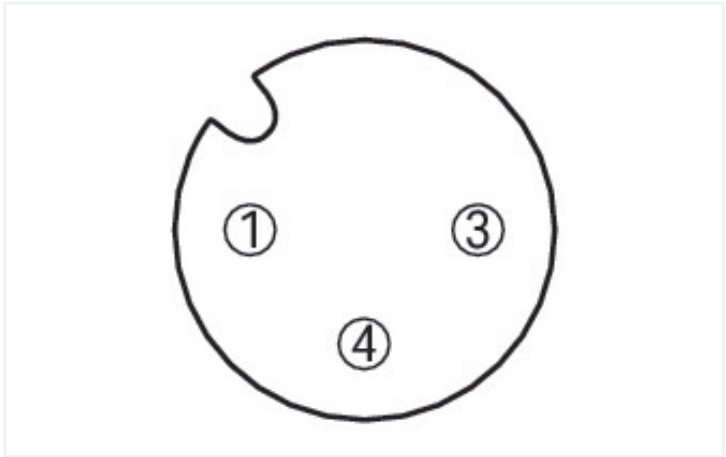




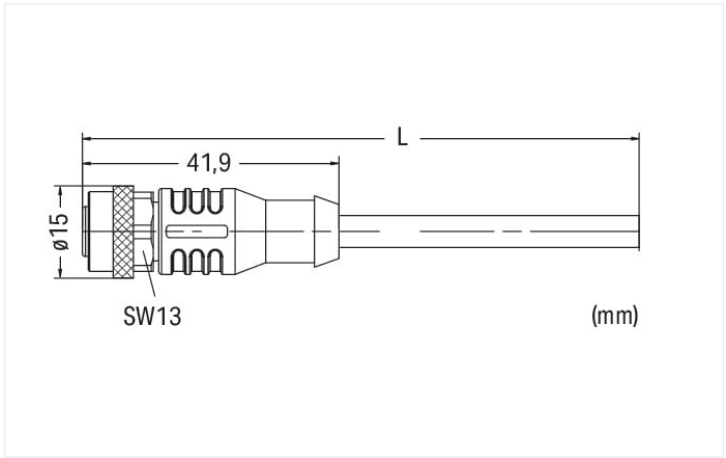
Similar to illustration

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	10 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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454941994
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)	6496fe5f-fdc0-43e5-aff4-17ac1a256900
SCIP notification number (Belgium)	6523fd2f-c4a6-436f-91f4-4e49ddd7892
SCIP notification number (Bulgaria)	2ee0b4df-5d58-427b-80fb-21197b4ef1b8
SCIP notification number (Czech Republic)	238ada1d-0b9b-4853-9c59-4a0cfb4ccad4
SCIP notification number (Denmark)	cebc58c4-2b8a-4030-8201-94d7873cfdc8
SCIP notification number (Finland)	9942e3ae-50b6-41eb-8956-c1bd380c3fce
SCIP notification number (France)	01078ce4-cda3-4039-aeec-a4cd726fceec
SCIP notification number (Germany)	9957518e-b6c2-471a-a3ea-f9047e81f1c9
SCIP notification number (Hungary)	9a9e7521-3270-4080-8c18-43585e3cab3d
SCIP notification number (Italy)	c183be05-d544-40de-b56a-49abb7b6726
SCIP notification number (Netherlands)	5f60b3a7-2fa6-499e-92b7-89cfab7b15ef
SCIP notification number (Poland)	1d7dfdd1-a4f9-4aca-8ad9-e9f6620c2246
SCIP notification number (Romania)	0bbaf818-5637-42c6-8042-3177478638ff
SCIP notification number (Sweden)	dacb8be1-3cf4-4ac9-9de4-7e11f60947e7

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5301/030-100		

Documentation				
System Description			Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB		756-5301/030-100	
			19.02.2019	xml 3.21 KB
			756-5301/030-100	
			20.09.2017	doc 25.50 KB

CAD/CAE-Data			
CAE data			
WSCAD Universe	756-5301/030-100		