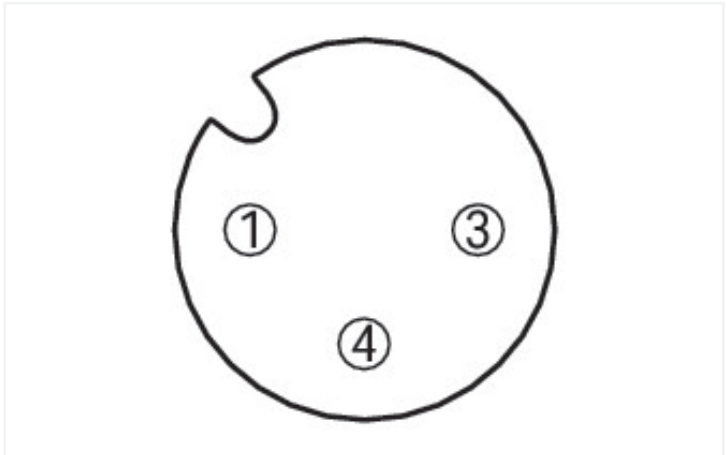




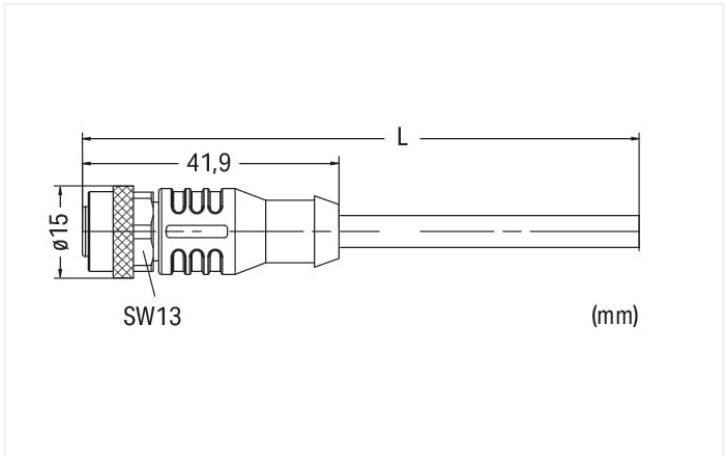
Similar to illustration

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	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	4044918974882
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)	9b0affad-d7bc-4b90-80cd-203a28da7f8d
SCIP notification number (Belgium)	4a0dece3-a8be-488c-b655-35349189ee36
SCIP notification number (Bulgaria)	15d00266-cff6-4cd8-8d58-62867c9af569
SCIP notification number (Czech Republic)	aa346243-e0c6-4f46-ade3-39900a039570
SCIP notification number (Denmark)	b16fc544-d966-4938-bb74-987e1992938c
SCIP notification number (Finland)	e8fd7547-c481-4b31-94d9-e5e132ec19dc
SCIP notification number (France)	ca35a9e5-b5ae-4448-926e-a9cc6906aaee
SCIP notification number (Germany)	ecd81309-916e-4a16-ab06-b0c36826a580
SCIP notification number (Hungary)	e03e123e-d6e6-4116-b7b0-a2e3a3f07947
SCIP notification number (Italy)	a484e4e3-e089-4482-9ee2-10db9cae390c
SCIP notification number (Netherlands)	b25e8bc8-0751-4674-820b-71a8b920987d
SCIP notification number (Poland)	94e782e1-6103-44d9-93e8-dfa91e390d4a
SCIP notification number (Romania)	397c688b-9157-4c5c-8219-95de6834dd8f
SCIP notification number (Sweden)	86d71b0c-f660-4327-8747-27b20756e04f

Approvals / Certificates

General approvals



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



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 756-5301/030-050	

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5301/030-050 19.02.2019	xml 3.21 KB
		756-5301/030-050 20.09.2017	doc 25.50 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe 756-5301/030-050	