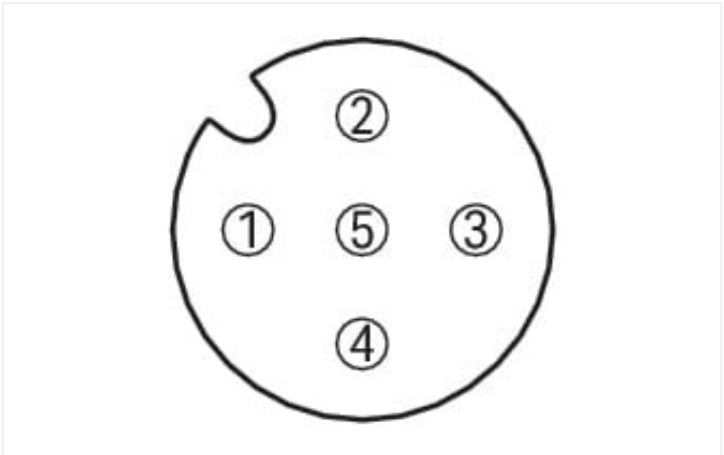
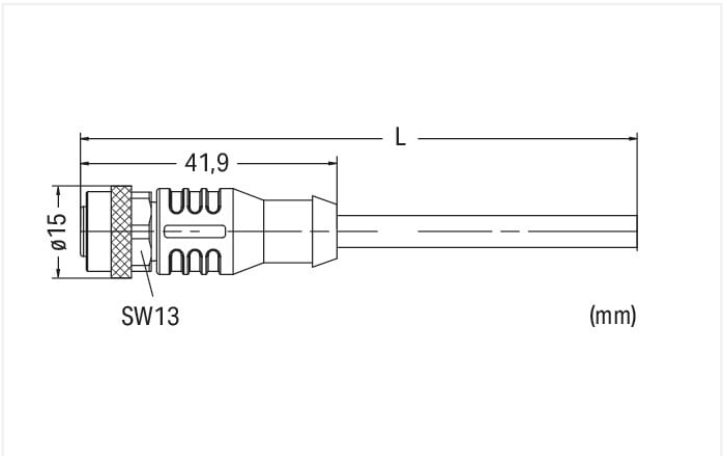




Similar to illustration

Pin 1 ... 5: 0.34 mm²

1	brown
2	white
3	blue
4	black
5	gray



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	1.5 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	4.8 ... 5.2 mm

Connector	
Connection type	M12 Socket - free end
Pole number	5
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	4044918974974
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)	83ddbba-7d7e-4c4d-bdda-bee4a21b93d4
SCIP notification number (Belgium)	38e5fa65-f319-4d8f-8421-d56de8aaef5d
SCIP notification number (Bulgaria)	689cb483-f285-493e-9dff-815a5d4ab0ef
SCIP notification number (Czech Republic)	76af3125-a96a-473a-a57e-8bcaf6efaa73
SCIP notification number (Denmark)	9330b814-2499-4d0e-9630-d2b0f08b11e0
SCIP notification number (Finland)	7e0e67db-4375-4870-bb90-e696ea4a06b7
SCIP notification number (France)	0eec8afe-a0b7-40d3-b81a-1c5f4cafaf6e
SCIP notification number (Germany)	b65ae54f-a82e-48fd-b52c-8c697bdece88
SCIP notification number (Hungary)	fe057c7b-5a70-4219-80fb-0c34f3a8a2f5
SCIP notification number (Italy)	b9fe37b0-bba4-416f-9368-d7b1c64c7a77
SCIP notification number (Netherlands)	654e9511-ed6b-444f-99d9-bfce110c8542
SCIP notification number (Poland)	6aabb368-7738-48e1-8a8f-fe844f830ac3
SCIP notification number (Romania)	0ccc9d16-b96e-432e-9cb8-2f0715b82a8f
SCIP notification number (Sweden)	72e3e378-6e21-4eb5-bb9b-e6e51349da5d

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance		756-5301/050-015	

Documentation						
System Description		Bid Text				
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB					
			756-5301/050-015	19.02.2019	xml 3.26 KB	
			756-5301/050-015	20.09.2017	doc 26.50 KB	

CAD/CAE-Data			
CAE data			
WSCAD Universe		756-5301/050-015	