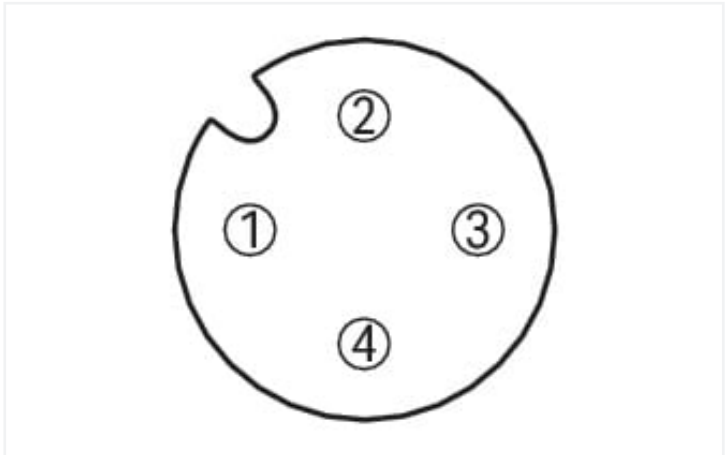
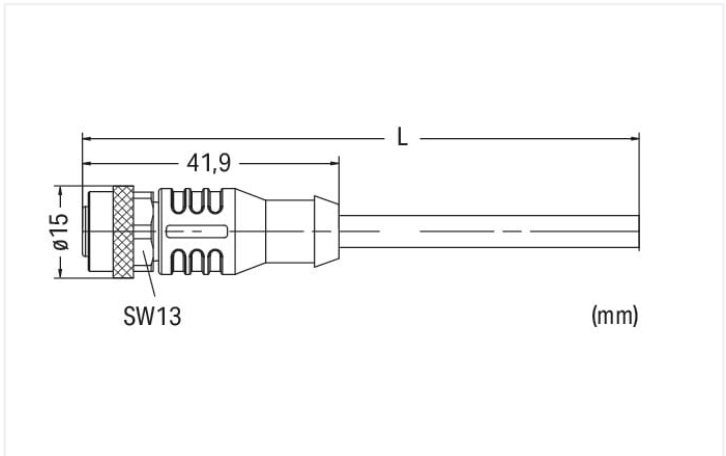




Similar to illustration

Pin 1 ... 4: 0.34 mm²

1	brown
2	white
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	4.5 ... 4.9 mm

Connector	
Connection type	M12 Socket - free end
Pole number	4
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	4044918974943
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)	6a953b5b-1c4d-4ca9-a86c-2b4aaa072166
SCIP notification number (Belgium)	cc1f19fe-9013-451b-9cef-7770e84c6fe5
SCIP notification number (Bulgaria)	c40f0ca3-af53-4c53-9cca-bc0e165ebd3e
SCIP notification number (Czech Republic)	0cf25345-29b5-49ac-add9-ba1979b923bc
SCIP notification number (Denmark)	bc643043-1d90-4443-ae03-a078e3ab9919
SCIP notification number (Finland)	1986c8e2-d8fe-42b0-ba5f-9cc57abf6cec
SCIP notification number (France)	7778cf14-df8a-4395-8917-5791ff0152f2
SCIP notification number (Germany)	1a2c8156-2c36-4d9d-bfe9-020072005e88
SCIP notification number (Hungary)	71027152-495a-4543-baca-f8695cdaf398
SCIP notification number (Italy)	6827ad6d-a992-434c-9307-13e3b2baee06
SCIP notification number (Netherlands)	4744fe40-deed-4bfc-a380-7411bb51d2b4
SCIP notification number (Poland)	0a757249-be8b-4050-9399-959986675bb9
SCIP notification number (Romania)	9d683d0d-af57-40cb-bb7f-8acabf6868d4
SCIP notification number (Sweden)	8a616bee-c0b2-4610-9bf5-a302d409dc94

Approvals / Certificates

General approvals



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

Compliance Search
Environmental Product Compliance 756-5301/040-050

System Description		Bid Text	
IP67 Cables and Plug- gable Connectors	pdf 157.80 KB	756-5301/040-050 19.02.2019	xml 3.24 KB
		756-5301/040-050 20.09.2017	doc 26.00 KB

CAE data
WSCAD Universe
756-5301/040-050