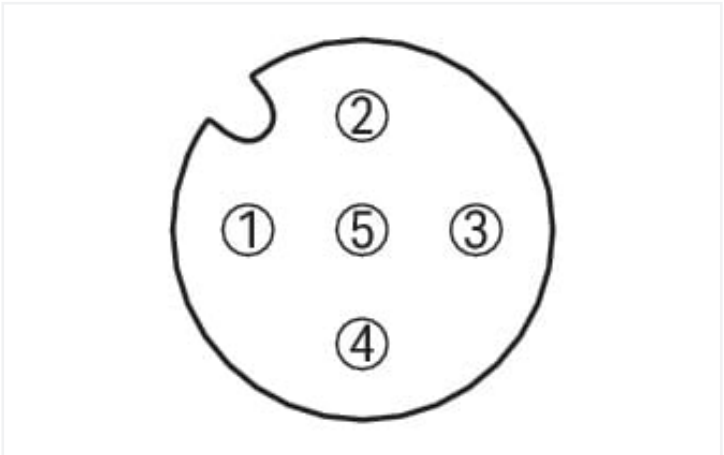
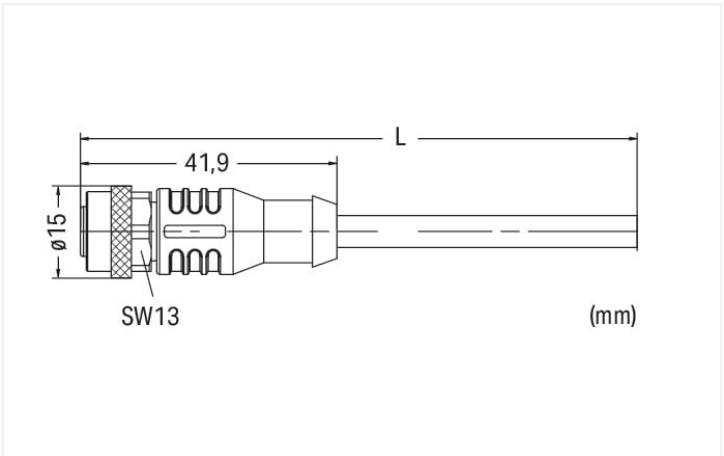




Similar to illustration

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	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	4.8 ... 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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454942014
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)	848513f3-2bf6-4b47-b437-2370bc6537ef
SCIP notification number (Belgium)	9a5fbb5b-707e-4dfe-9858-8e660f8ee120
SCIP notification number (Bulgaria)	e22f2816-7e03-4885-b3eb-f3de2cda8df2
SCIP notification number (Czech Republic)	eb2b2fb5-008f-4853-ba47-49b4d1ad4b5d
SCIP notification number (Denmark)	7e41eb0f-1f06-45a5-aba6-b91c0be601d2
SCIP notification number (Finland)	19d942f7-06c6-472b-b555-23597013024c
SCIP notification number (France)	5cd3fd53-05a3-4216-a179-7b9be1fc5919
SCIP notification number (Germany)	38a676a9-44d4-4dab-b230-a94d975ae8c2
SCIP notification number (Hungary)	5cb75748-967c-4b17-81b5-6270a0aceca3
SCIP notification number (Italy)	1f2efba5-ab55-4ff3-a79c-c5de06775a23
SCIP notification number (Netherlands)	9af4f733-46d7-44af-bce7-75e1905d631f
SCIP notification number (Poland)	59311e52-33cb-4dc1-8c66-b53dd0cd7b10
SCIP notification number (Romania)	b06ce1a1-bbd5-48ec-8f3d-a1935ea5d8cd
SCIP notification number (Sweden)	767221cd-3e35-48aa-a210-7aedf73ae2fa

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5301/050-100		↓

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5301/050-100 19.02.2019	xml 3.26 KB ↓
		756-5301/050-100 20.09.2017	doc 26.50 KB ↓

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5301/050-100 ↓