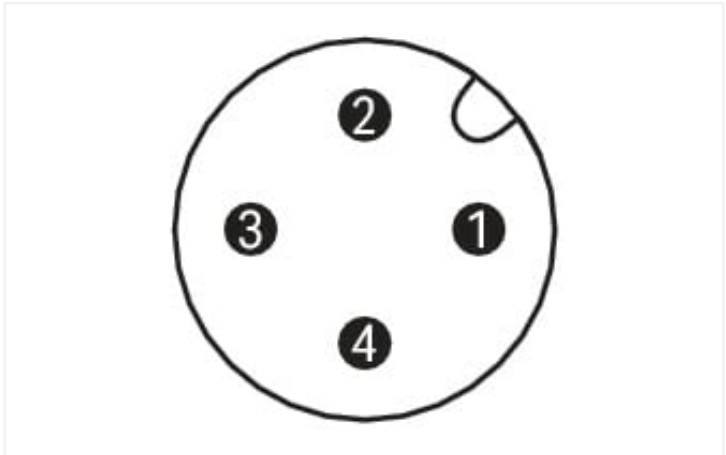
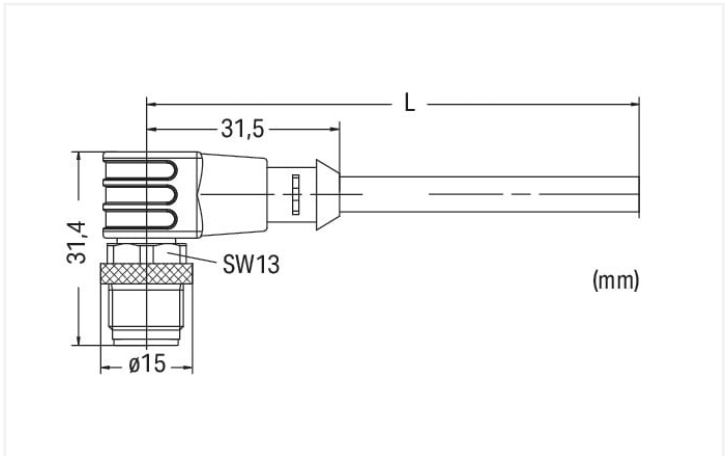




Similar to illustration

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	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	4.5 ... 4.9 mm

Connector	
Connection type	M12 plug - free end
Pole number	4
Cable connection direction to mating direction	90 °
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	4045454942304
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)	2a49568a-8273-4be1-a070-6b2b39eacb0a
SCIP notification number (Belgium)	5fe4eccd-e1b4-45a5-85aa-4b2049d7f059
SCIP notification number (Bulgaria)	ae1bbf68-b126-470a-b466-746a3d41a54d
SCIP notification number (Czech Republic)	dd6bc945-bfb1-4ca9-a262-c86d96a36fac
SCIP notification number (Denmark)	c48d77d8-8eb9-4846-8994-cfae63bbf68d
SCIP notification number (Finland)	29b83fea-6949-4d82-acb7-c5cdbb879cb6
SCIP notification number (France)	8d3d863f-d1dd-499c-bb9c-6607bf3a5b21
SCIP notification number (Germany)	e6c716e6-be6b-4836-b1be-314fde987117
SCIP notification number (Hungary)	c901370c-2faa-4f58-858c-626e152c20f9
SCIP notification number (Italy)	77cfe0e5-f4aa-4ea7-a3aa-11a3577ce8dd
SCIP notification number (Netherlands)	d5f34229-ce70-4e95-a0e5-472bcc7b4b7d
SCIP notification number (Poland)	ba6ddd49-0c69-44c6-89d7-65f8c3039f71
SCIP notification number (Romania)	11a6222f-d0a8-4231-893e-a2b69667a0f5
SCIP notification number (Sweden)	6937a778-1e29-4009-86ed-cbf2eda61fba

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5312/040-015		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5312/040-015 19.02.2019	xml 3.25 KB
		756-5312/040-015 20.09.2017	doc 26.00 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5312/040-015