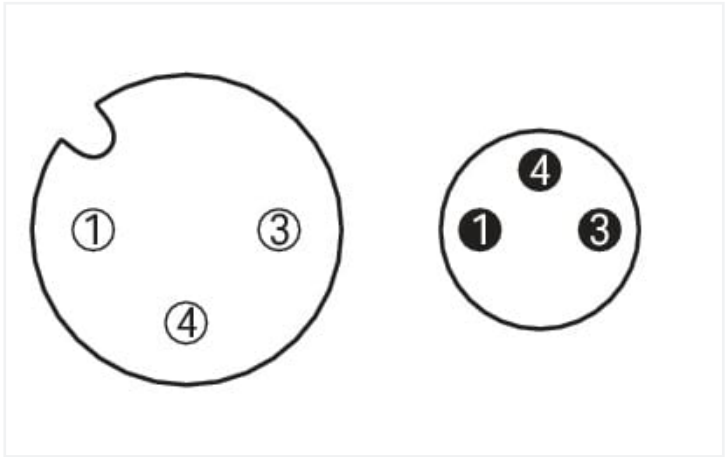
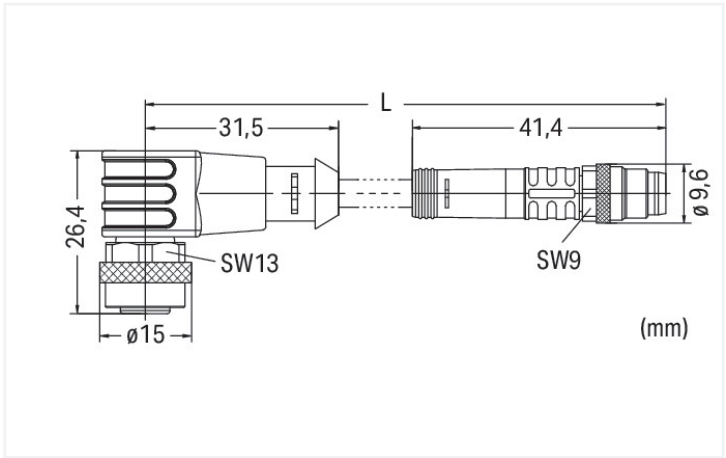




Similar to illustration

Pin 1 ... 4: 0.25 mm²

1	brown	1
3	blue	3
4	black	4



Dimensions in mm

- Short description:**
- PUR, halogen-free
 - Suitable for drag chains
 - Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation.
 - Good chemical resistance.
 - Cable used: UL listed

Technical data			
General information		Drag chain compatible	
Operating voltage	AC/DC 60 V	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 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	3.9 ... 4.3 mm

Connector	
Connection type	M12 Socket - M8 plug
Pole number	3
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adaptor) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 ... 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	4044918974806
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)	edb410b9-1b63-4fdc-ac18-9d2832473dac
SCIP notification number (Belgium)	e4b67269-385c-4120-a009-5269dc6f4daa
SCIP notification number (Bulgaria)	85978986-2d93-4829-9af0-699a92a4f9ec
SCIP notification number (Czech Republic)	328d78b1-ae52-4999-a1cc-37bfc8e9536d
SCIP notification number (Denmark)	d81f2019-edf2-42b4-9e3f-119ff93fbc84
SCIP notification number (Finland)	6a4b4b6b-709e-4972-a80f-9acf57224575
SCIP notification number (France)	fd21f00a-aec4-4f18-9239-d37a801493b2
SCIP notification number (Germany)	2d0eb667-8125-4638-adb9-c26f288c8404
SCIP notification number (Hungary)	5eaff33c-7904-42fc-9dd1-3a243fc0599e
SCIP notification number (Italy)	c45e739d-8922-43c8-a645-0f0a24f23c9d
SCIP notification number (Netherlands)	96db5eb8-191d-4e36-9a5d-b623b1240e9e
SCIP notification number (Poland)	f380bdd4-e4af-4270-a3ee-63e641aebf43
SCIP notification number (Romania)	2bfb1321-a185-4625-ae01-289f986656e6
SCIP notification number (Sweden)	ae29df24-a241-4fce-a6c0-5907bd73648c



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5503/030-010		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5503/030-010 19.02.2019	xml 3.21 KB
		756-5503/030-010 20.09.2017	doc 26.00 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5503/030-010