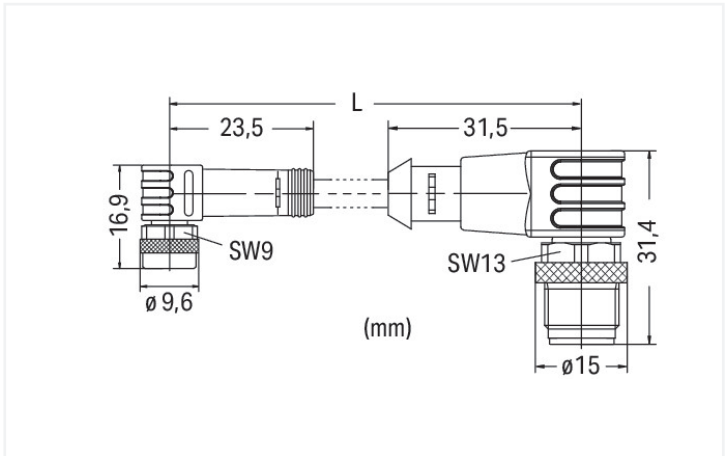
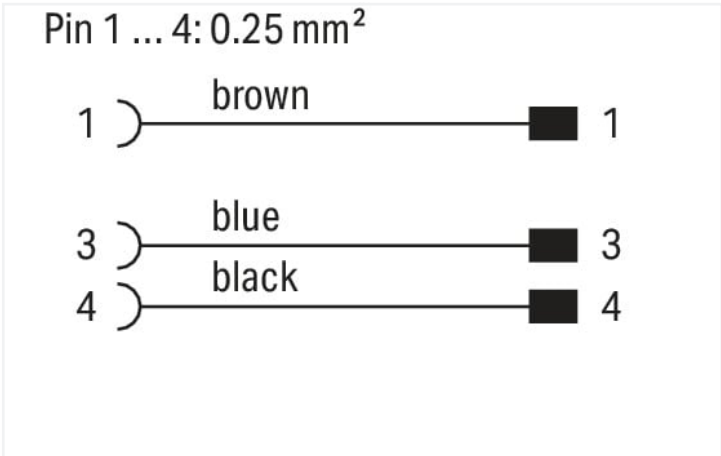
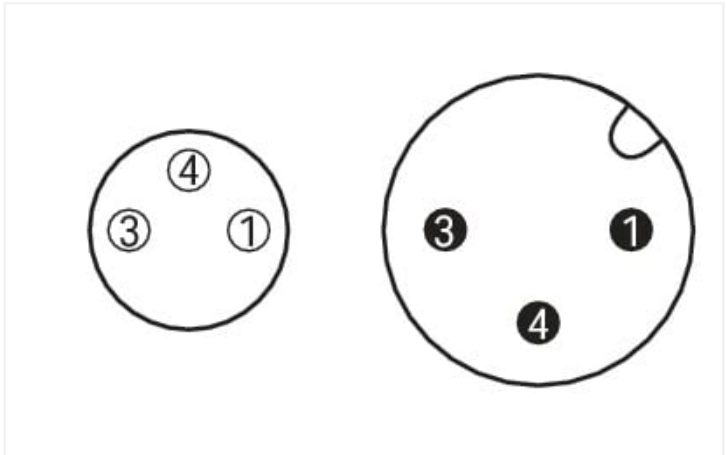




Similar to illustration



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	M8 socket - M12 plug
Pole number	3
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	90 °
Connector interface coding (cable/adaptor) 2 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	DE
GTIN	4044918975919
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)	947217cd-4567-4a25-b534-1ff9a3e14585
SCIP notification number (Belgium)	d5300d0a-a4ae-455f-bcdb-a906e617b05d
SCIP notification number (Bulgaria)	1bbd3206-2ec8-435c-b9d4-59ce94431467
SCIP notification number (Czech Republic)	7065146d-e809-400d-a7e6-70623e6141a1
SCIP notification number (Denmark)	9ed18af0-06e9-467f-86c5-49877de1f50c
SCIP notification number (Finland)	ec75db23-935c-4188-bfa4-4fe617ff6226
SCIP notification number (France)	c399335a-d783-4c38-9d14-274f90450486
SCIP notification number (Germany)	198e143e-cf00-4771-a2a5-e4bcd624565
SCIP notification number (Hungary)	33e53238-a36a-4bf1-91a5-13773dfc5c20
SCIP notification number (Italy)	30c40f4b-b28b-422f-9a61-1512a50dd931
SCIP notification number (Netherlands)	c0a3fc96-e6c9-41d5-8a60-396246af9d4f
SCIP notification number (Poland)	e69274ee-9004-47ce-bc01-9f9a90ff25c0
SCIP notification number (Romania)	8a4460b9-8aaf-4070-b13a-badb11c41be1
SCIP notification number (Sweden)	dc1b44ec-6db2-4e27-9d21-8681255a2db1



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5510/030-010		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5510/030-010 19.02.2019	xml 3.21 KB 
		756-5510/030-010 20.09.2017	doc 25.50 KB 

CAD/CAE-Data			
CAE data			
WSCAD Universe	756-5510/030-010		