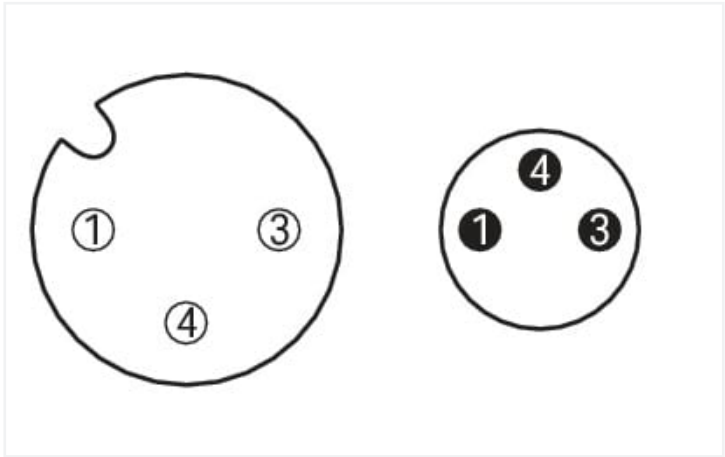
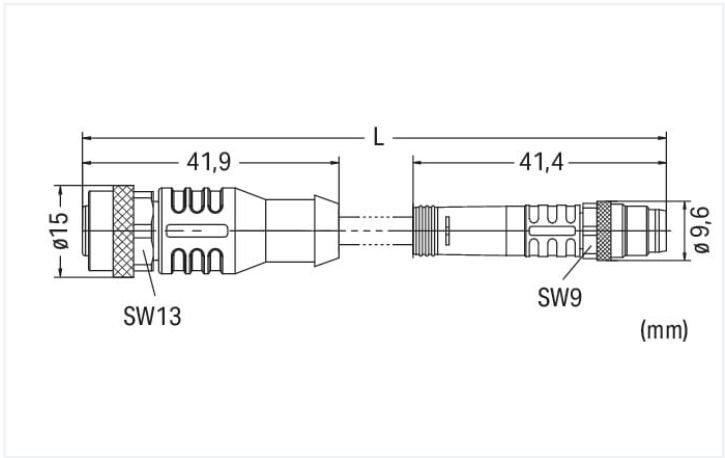
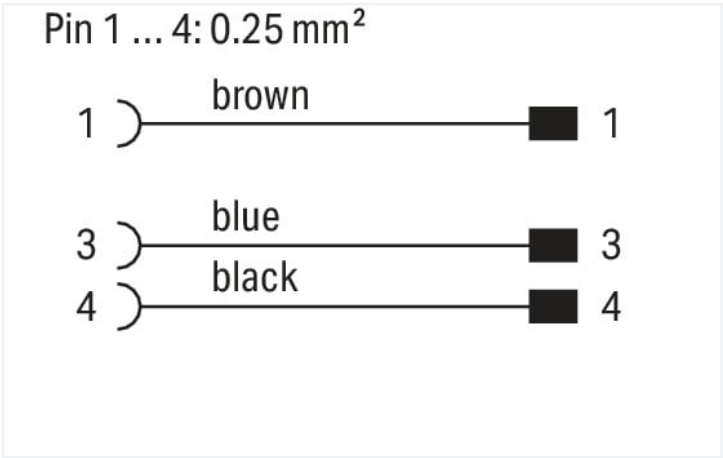




Similar to illustration



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	2 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	0 °
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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918974707
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)	28b4f8b9-466e-4a94-b0f3-3cc632496740
SCIP notification number (Belgium)	dad34075-221c-42f5-8275-167e4bfb31d
SCIP notification number (Bulgaria)	3d9952ad-0358-467e-808d-bc7575dabe62
SCIP notification number (Czech Republic)	79e315e3-3768-4e77-99ac-f91240f5e5c0
SCIP notification number (Denmark)	506c97ad-a4d1-41e2-9f1f-eda6dbb5cb59
SCIP notification number (Finland)	19055bf1-5362-4f44-be9d-e5725be2965e
SCIP notification number (France)	1de0e735-d2a2-4e50-9ac8-a5fe69333f3a
SCIP notification number (Germany)	a5ab1c5a-f9c2-4756-9dcf-fe0bb901f149
SCIP notification number (Hungary)	cf0b6c71-1708-4ea1-85a3-293372a69270
SCIP notification number (Italy)	c470a957-682e-4ce6-886e-08458e247a55
SCIP notification number (Netherlands)	db999b91-31c8-4cba-a808-6ffd5e70dbd7
SCIP notification number (Poland)	58ec3fee-c202-4c96-bca6-999972845e89
SCIP notification number (Romania)	55378b15-da03-43cc-b46c-620f316a2153
SCIP notification number (Sweden)	ee5619c5-d4c0-4464-8f76-355a53fe4910



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5501/030-020		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5501/030-020 19.02.2019	xml 3.20 KB
		756-5501/030-020 20.09.2017	doc 26.50 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5501/030-020