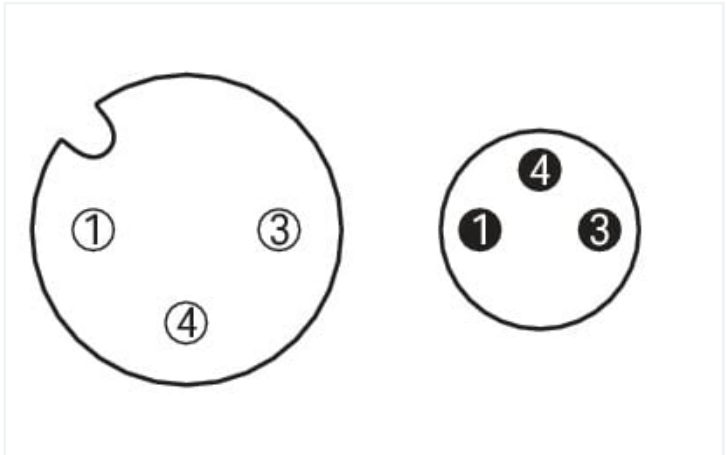
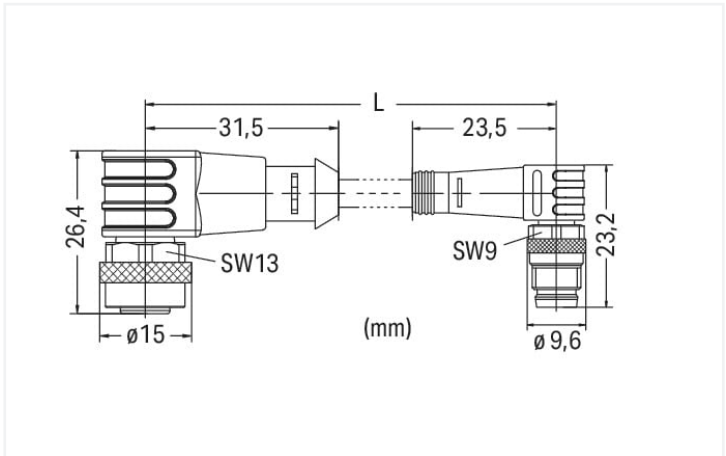
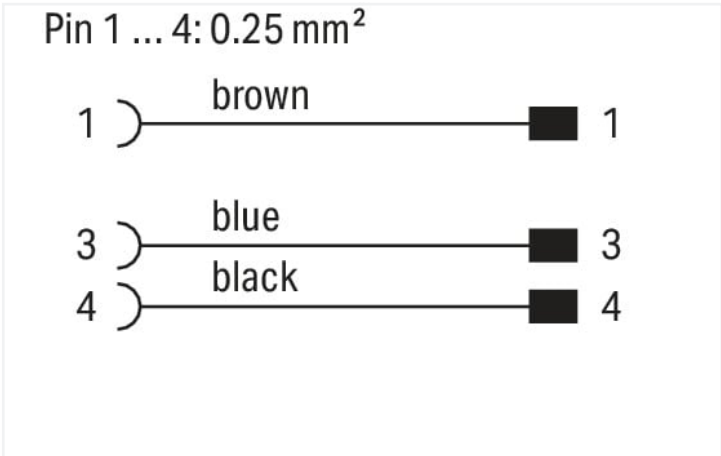




Similar to illustration



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	90 °
Cable connection direction to mating direction (2)	90 °
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	DE
GTIN	4044918974868
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)	4b7173c5-9b41-4cf2-b87a-b0d92bac85f2
SCIP notification number (Belgium)	95872a26-a2e1-4c06-8876-5f0099cb51e8
SCIP notification number (Bulgaria)	826f3a51-013d-4a03-96b4-58e27812e62e
SCIP notification number (Czech Republic)	8f79ccac-0c48-428b-8e52-e978b5de56e8
SCIP notification number (Denmark)	d77669ad-5676-4df4-af61-963525ab561c
SCIP notification number (Finland)	deb2fd4b-8de7-4e0e-bbdc-3d4447ee15ec
SCIP notification number (France)	573aa968-2e8d-4ee5-b02d-1c0ad9009a09
SCIP notification number (Germany)	b6c6dfe5-41b6-479f-a6dd-46f65c125b13
SCIP notification number (Hungary)	41e73f6a-0f21-4a02-931c-c58e51be48c3
SCIP notification number (Italy)	21c134b3-bcbd-4b78-94c6-2f5be83c3ba8
SCIP notification number (Netherlands)	407ea715-4148-4526-bbb4-6fd92af85dca
SCIP notification number (Poland)	c9f1a6e0-0beb-46bf-9d8e-e37b9cc782de
SCIP notification number (Romania)	1544cd1e-5629-45cb-8612-0bce219733a5
SCIP notification number (Sweden)	44c3f7b8-51f8-4a17-9bf4-6365d497d1fa



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 756-5504/030-020	↓

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5504/030-020 19.02.2019	xml 3.21 KB ↓
		756-5504/030-020 20.09.2017	doc 26.00 KB ↓

CAD/CAE-Data	
CAE data	
WSCAD Universe 756-5504/030-020	↓