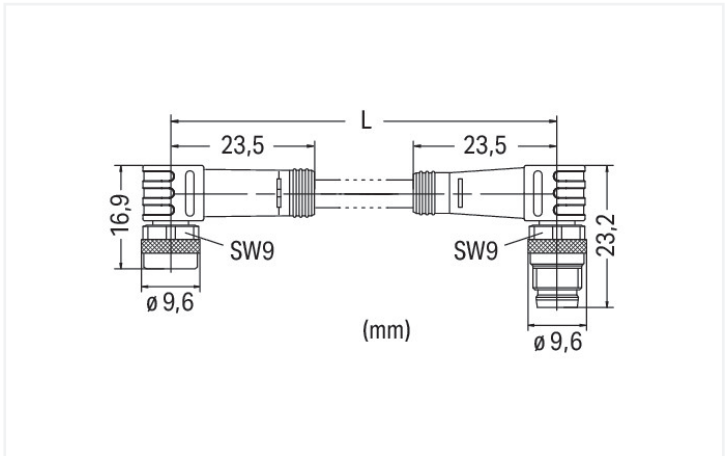
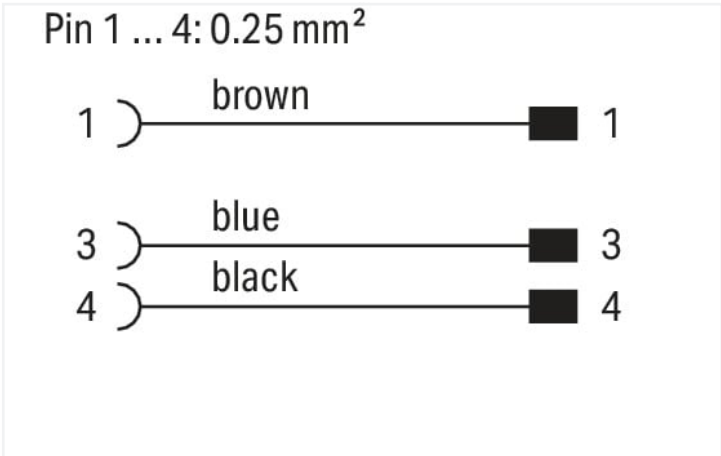
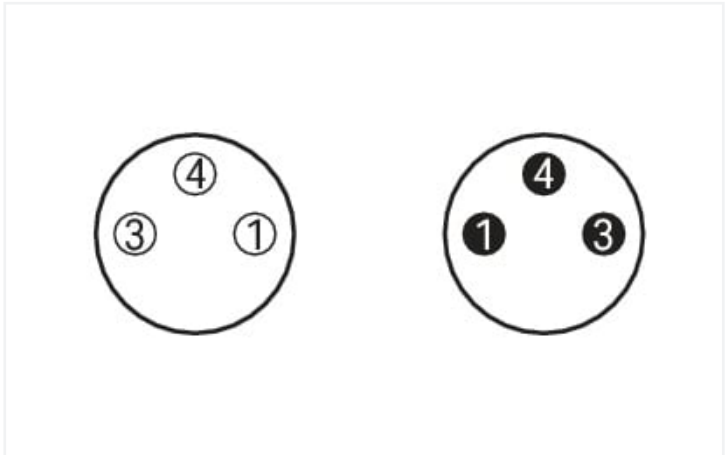




Similar to illustration



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 - M8 plug
Pole number	3
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	90 °
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 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	DE
GTIN	4044918974646
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)	e7317612-0d3e-4c20-a907-79bc9a0a7c01
SCIP notification number (Belgium)	608b8330-05f9-40cc-aa34-7feefad285d3
SCIP notification number (Bulgaria)	2a40f97d-4324-42b4-bd46-6447a378d5c1
SCIP notification number (Czech Republic)	b1007a36-4dbd-43e8-9c91-fa2582b1d6a4
SCIP notification number (Denmark)	0a89de70-0f48-4b16-a82e-85dcbfa94328
SCIP notification number (Finland)	c2322a8b-323e-424d-b890-1b04d1c7fbce
SCIP notification number (France)	1beb6cae-bc92-4e90-9059-ce75de99f3b2
SCIP notification number (Germany)	f963ea76-d9d7-4ac5-aef3-ce935a570905
SCIP notification number (Hungary)	c892bbe9-5256-4bde-904f-bfeacfe00652
SCIP notification number (Italy)	57bb90c1-b12f-4c1b-96b2-1a4934b22a2b
SCIP notification number (Netherlands)	6a714332-dfcd-49c5-9ddf-b54857636d5d
SCIP notification number (Poland)	843a1b65-6a33-403e-9b4e-465c96b4633b
SCIP notification number (Romania)	25560962-b20f-4461-b69a-861833fdad06
SCIP notification number (Sweden)	072fe30d-2586-40b1-bd93-b4b4281041c4

Approvals / Certificates

General approvals



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

System Description		
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	↓

Bid Text			
756-5204/030-010	19.02.2019	xml 3.21 KB	↓
756-5204/030-010	20.09.2017	doc 25.50 KB	↓

CAE data	
WSCAD Universe 756-5204/030-010	