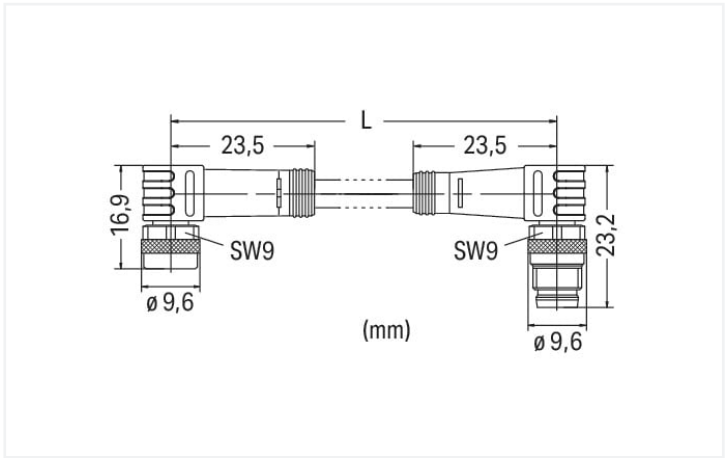
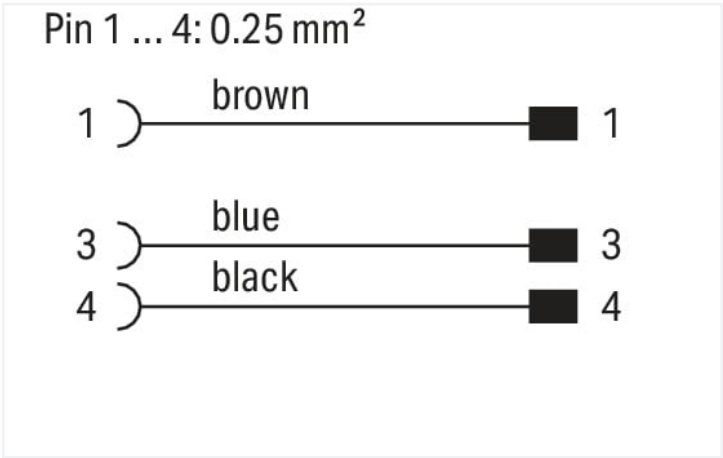
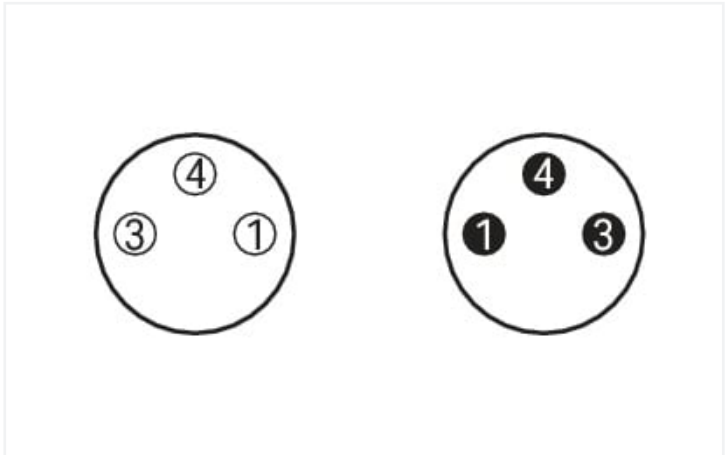




Similar to illustration



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	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)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918974660
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)	05ad0fa2-3916-4707-a477-0a6d6ec8432b
SCIP notification number (Belgium)	e47daa6e-475d-449b-b171-e38abe938b1f
SCIP notification number (Bulgaria)	40f23b61-2722-4c91-853c-f949670277db
SCIP notification number (Czech Republic)	a0a888d7-9b15-4e5b-9f5c-a6b4fab6196e
SCIP notification number (Denmark)	03066b58-94de-4c53-978d-634e8f399bec
SCIP notification number (Finland)	d65b4228-f9bd-4992-b961-a3eb24dff25
SCIP notification number (France)	edb902e7-2931-4ebb-a027-2eca7813b0fe
SCIP notification number (Germany)	65c05eef-fef3-4201-95ac-61dc2311743f
SCIP notification number (Hungary)	Odd9deee-d342-4293-a8de-5ee84e8deb11
SCIP notification number (Italy)	617b60aa-17fe-4cf4-8bac-40694e7992ce
SCIP notification number (Netherlands)	997e6314-d56e-42b4-95b6-51406da221dd
SCIP notification number (Poland)	d26bf6c1-4401-4f03-9e60-315296ae9c93
SCIP notification number (Romania)	62c92da8-5080-4e7e-a5cc-759911998a1e
SCIP notification number (Sweden)	08e6f6b8-81cb-412d-9ede-63dca00ae8e6

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			
756-5204/030-020	19.02.2019	xml 3.21 KB	↓
756-5204/030-020	20.09.2017	doc 25.50 KB	↓

CAE data	
WSCAD Universe	
756-5204/030-020	