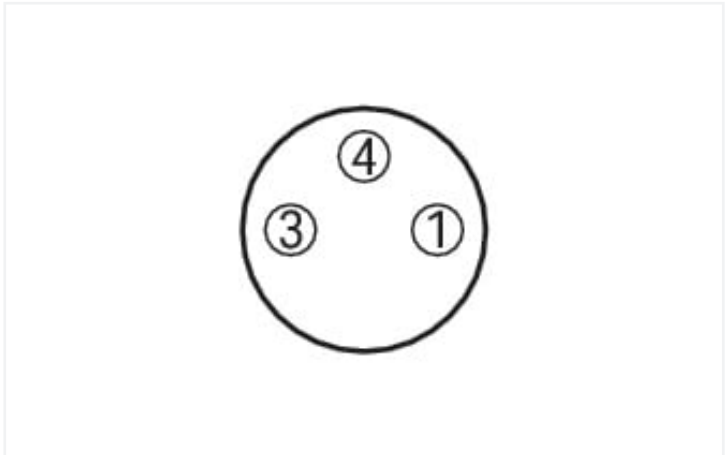




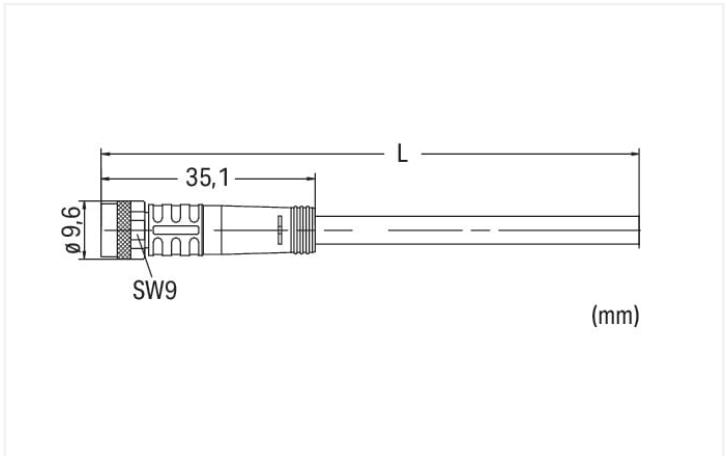
Similar to illustration

Pin 1 ... 4: 0.25 mm²

1) brown

3) blue

4) black



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	10 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 - free end
Pole number	3
Cable connection direction to mating direction	0 °
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	CZ
GTIN	4045454941895
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)	3653d290-02d6-4db5-9f01-28b1d8ad92f6
SCIP notification number (Belgium)	fa42edb2-5557-4eed-b5df-3a8e99649cad
SCIP notification number (Bulgaria)	3875e5d1-b16f-4fe4-aefa-ab3e797e0352
SCIP notification number (Czech Republic)	3547a2c6-7af9-47ea-9a15-1a92db3b4060
SCIP notification number (Denmark)	c9e40764-4a51-4f30-a2f6-5e5fb39c7dc8
SCIP notification number (Finland)	8ed57ca0-8a61-44be-a3b6-edf20102eb85
SCIP notification number (France)	84297ac0-a9ab-401b-89e9-7309a0d7e0fa
SCIP notification number (Germany)	a9d5c177-6e41-4d4b-881e-924da40ddd6c
SCIP notification number (Hungary)	e6680b9e-0729-4fc5-94f9-2dc2bbfbd7c2
SCIP notification number (Italy)	6f082360-c440-4681-a061-eb29b7885cba
SCIP notification number (Netherlands)	72fb1f05-7780-41eb-baeb-795fc8f20f3f
SCIP notification number (Poland)	76822fed-6d1b-4ad0-bd68-85d92cf6994e
SCIP notification number (Romania)	75e5203f-ef0e-41bd-ae54-2565485e6d1b
SCIP notification number (Sweden)	af1f11ce-92e5-4551-97a2-3117697fb43a

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5101/030-100		

Documentation				
System Description			Bid Text	
IP67 Cables and Plug-gable Connectors	pdf	157.80 KB	756-5101/030-100	
			19.02.2019	xml
				3.20 KB
			756-5101/030-100	
			20.09.2017	doc
				25.00 KB

CAD/CAE-Data			
CAE data			
WSCAD Universe	756-5101/030-100		