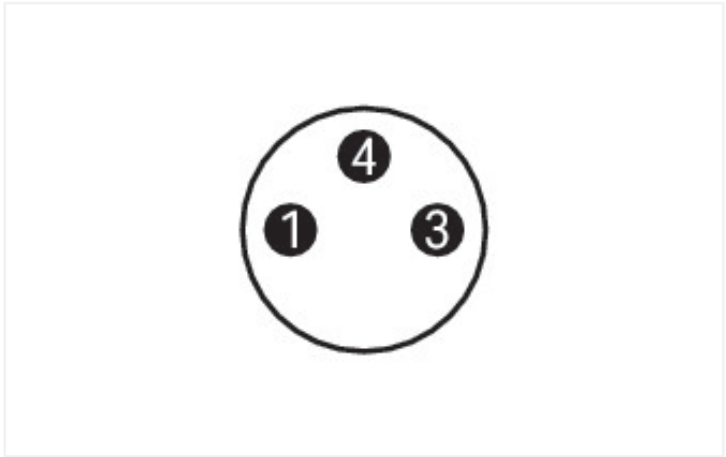


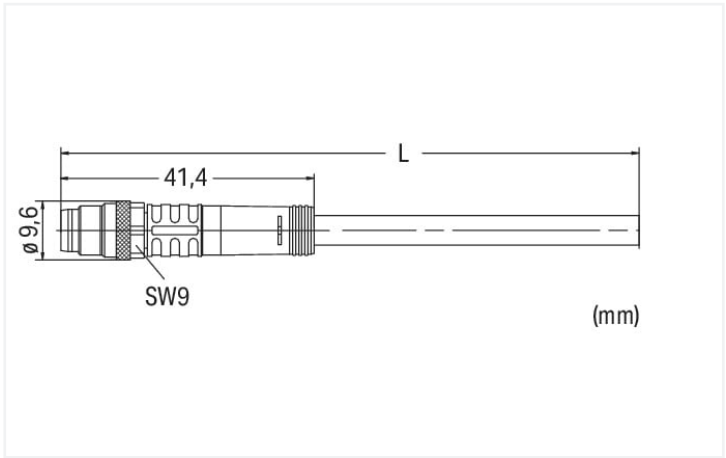


Similar to illustration



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	1.5 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 plug - 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)	20 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454941918
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)	1249a8bb-e2f4-4afd-bc96-bafa3be392bb
SCIP notification number (Belgium)	f06e54c6-81e9-465b-b206-d31c00285396
SCIP notification number (Bulgaria)	98222f7e-d898-45ee-a2bb-3284bbf100b7
SCIP notification number (Czech Republic)	96990633-1727-48a0-be46-11e3d47d1362
SCIP notification number (Denmark)	6ee0bf11-f091-44b5-a78e-f6105d017498
SCIP notification number (Finland)	5fa3c415-20d1-4e26-a573-6c17db7e087d
SCIP notification number (France)	012c2e7c-4270-4ef1-ad55-b0f4893ea116
SCIP notification number (Germany)	94b3bd0e-8fe2-412b-b99a-0ffdfd5d6a8b
SCIP notification number (Hungary)	f7341970-35d2-4988-8a1e-1f2501234795
SCIP notification number (Italy)	6693575e-90f4-419f-b2a3-c8faab204ec8
SCIP notification number (Netherlands)	c41cf73f-7116-4b2d-a934-73beb5063c63
SCIP notification number (Poland)	54cf42ff-966c-46b4-9040-0a8c81c6173f
SCIP notification number (Romania)	ce7ab931-c9a6-4a27-86ba-7a9431f7516b
SCIP notification number (Sweden)	c9c3555e-3f30-4c73-aec2-012023356ebb

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5111/030-015		

Documentation			
System Description		Bid Text	
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	756-5111/030-015 19.02.2019	xml 3.20 KB
		756-5111/030-015 20.09.2017	doc 25.50 KB

CAD/CAE-Data	
CAE data	
WSCAD Universe	756-5111/030-015