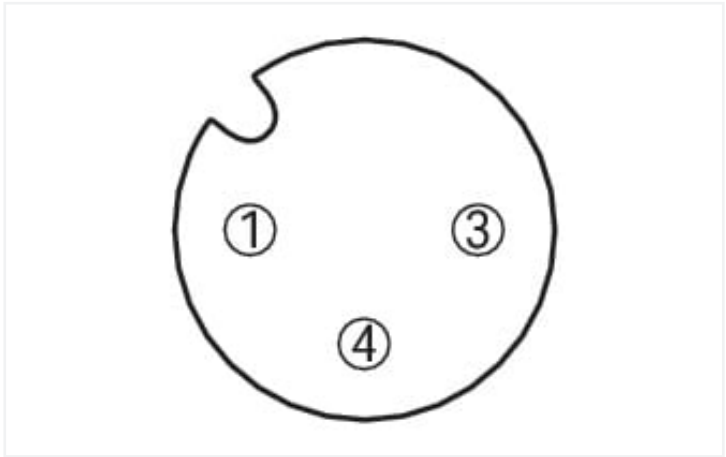




Similar to illustration

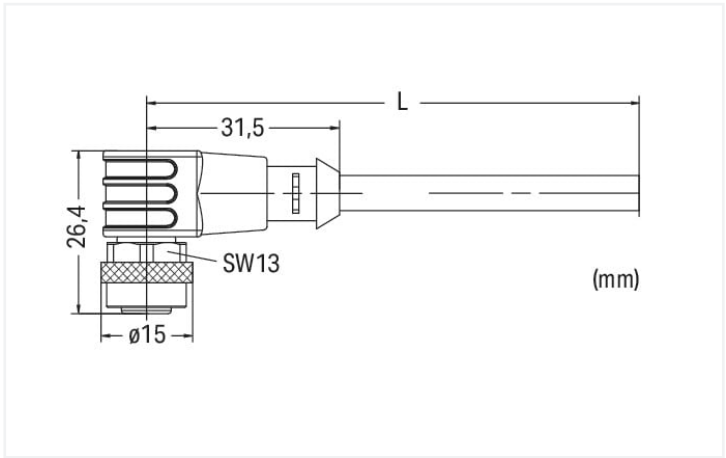


Pin 1 ... 4: 0.34 mm²

1 — brown

3 — blue

4 — black



Dimensions in mm

- Short description:**
- PUR, halogen-free
 - Suitable for drag chains
 - High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
 - High chemical resistance
 - Cable used: UL listed

Technical data			
General information		Drag chain compatible	
Operating voltage	250 VAC/DC	Bending radius	10 x cable diameter (min.)
Operating current	4 A	Bending cycles	2 million
Rated surge voltage	2.5 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	4.1 ... 4.5 mm

Connector	
Connection type	M12 Socket - free end
Pole number	3
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adap-ter) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454945985
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)	0c61f39a-68ad-42a3-84d9-d34a849607d6
SCIP notification number (Belgium)	95dbc56c-d2a0-41b8-9305-b02b7c0c95a9
SCIP notification number (Bulgaria)	ffcd0905-fe80-4045-be7e-eaa15e373cd0
SCIP notification number (Czech Republic)	ac8a2097-3e41-4fc1-9559-43c0e9bc2b38
SCIP notification number (Denmark)	ce0ab904-9cae-4553-bfd8-611e336ed0e4
SCIP notification number (Finland)	d59752aa-046f-45c8-a71b-dc5395db69f3
SCIP notification number (France)	7665fe87-7e5e-4495-bc6c-788d15cff94a
SCIP notification number (Germany)	4734f38e-b713-4c6e-88a3-2d3449c895c2
SCIP notification number (Hungary)	b9895668-1b2f-4718-8e2f-001fbafddc4b
SCIP notification number (Italy)	89c0a923-4c7c-4467-b0a8-e49505185143
SCIP notification number (Netherlands)	d6ddac08-5fbd-404b-9750-9986d43db1fb
SCIP notification number (Poland)	bce4d61b-a83a-4e68-af93-ced5b7a1c505
SCIP notification number (Romania)	1f875309-2a1f-4162-bb89-5600e9ed78a7
SCIP notification number (Sweden)	e8762361-415d-4003-9a34-ece992ec3f34

Approvals / Certificates

General approvals



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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	756-5302/030-100		

Documentation								
System Description		Bid Text						
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB		756-5302/030-100	19.02.2019	xml 3.21 KB			
					756-5302/030-100	20.09.2017	doc 25.50 KB	

CAD/CAE-Data			
CAE data			
WSCAD Universe	756-5302/030-100		