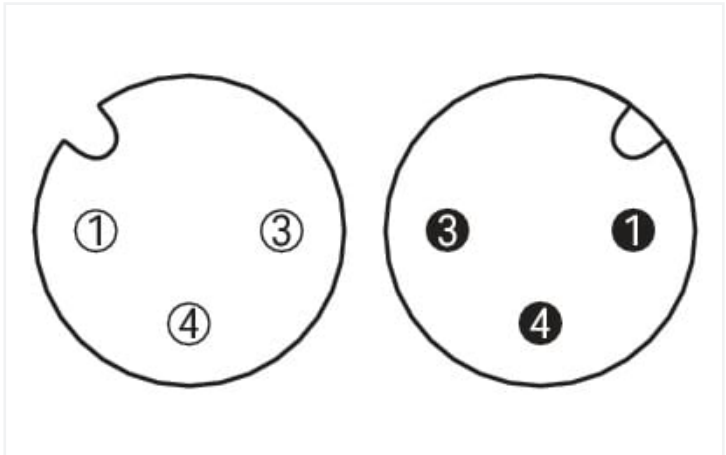


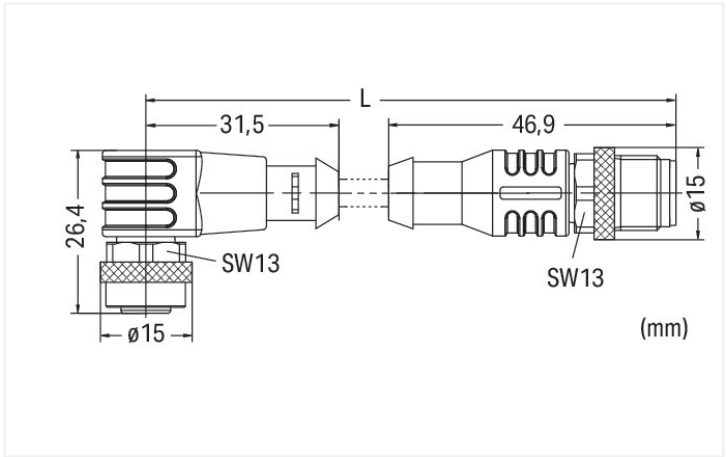


Similar to illustration



Pin 1 ... 4: 0.34 mm²

1	brown	1
3	blue	3
4	black	4



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	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	4.1 ... 4.5 mm

Connector	
Connection type	M12 Socket - M12 plug
Pole number	3
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adapter) 1 1	A-coded
Connector interface coding (cable/adapter) 2 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)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918975087
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)	7d1ed19b-0677-478d-977c-ddeedd0168c9
SCIP notification number (Belgium)	a3791437-4307-435c-ae45-12670c1e3f0a
SCIP notification number (Bulgaria)	d6ffe3c6-b573-44c0-999c-6f05f74d6001
SCIP notification number (Czech Republic)	70cb34cc-14ea-4bcc-8f02-91be369bf8fb
SCIP notification number (Denmark)	1971a284-5916-4f63-aeb4-699eea981d80
SCIP notification number (Finland)	81c53e6b-cebd-4de2-96ab-078bf91b27d8
SCIP notification number (France)	70dfdd2a-9aed-4b09-bee2-0ffa15c0d9e1
SCIP notification number (Germany)	aff415f2-2d32-47c6-87e8-dfb2e1e07fce
SCIP notification number (Hungary)	7fed89aa-31cb-428f-843a-c4a787902d81
SCIP notification number (Italy)	41583e6a-69a1-4d15-917b-8c49e83189d1
SCIP notification number (Netherlands)	fddc784b-055a-4a05-a584-b8c9afe44db5
SCIP notification number (Poland)	368f9b29-86ef-4121-8538-2a8b5cd09f61
SCIP notification number (Romania)	4d2af3dd-6743-4d95-bd3e-3d254e6d9332
SCIP notification number (Sweden)	2b6e6c19-3ae9-4cda-aa80-ffdd24ae4ef1



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5403/030-010	
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Documentation

System Description

IP67 Cables and Plug- gable Connectors	pdf 157.80 KB	
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Bid Text

756-5403/030-010	19.02.2019	xml 3.21 KB	
756-5403/030-010	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5403/030-010	
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