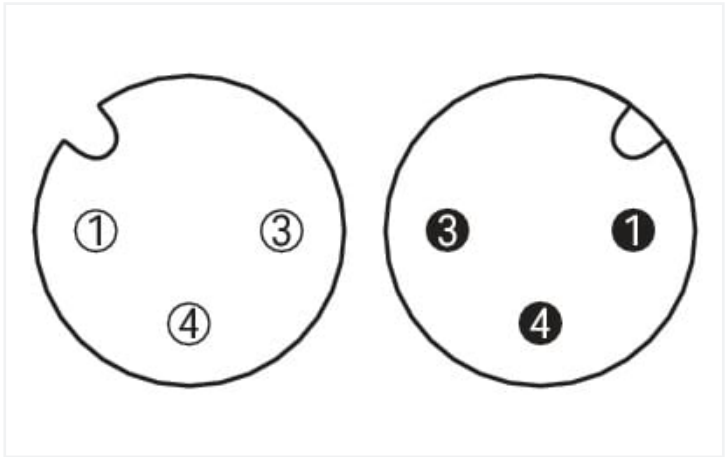


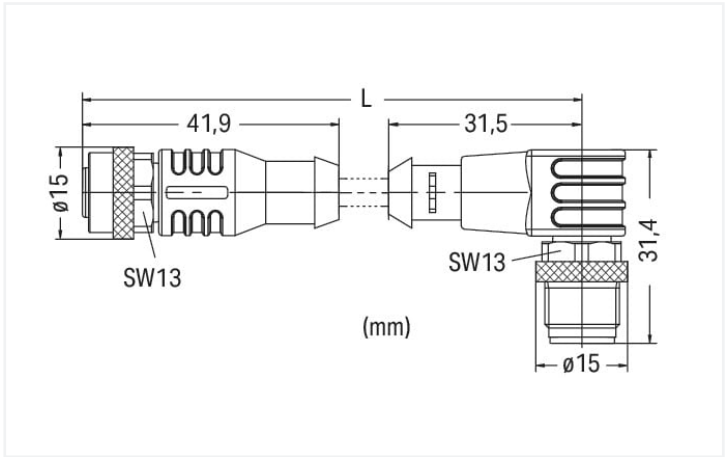


Similar to illustration



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	0 °
Cable connection direction to mating direction (2)	90 °
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	4044918975049
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)	600a5d20-be77-40e7-8b8a-07cff248fc45
SCIP notification number (Belgium)	d06569ec-769f-4fa9-bbe0-5568405b818b
SCIP notification number (Bulgaria)	ae76a0ba-5166-4b3f-8b61-81d0e7f94d0c
SCIP notification number (Czech Republic)	fc85ba4f-2e49-4e7d-a27f-c942a1ab89be
SCIP notification number (Denmark)	c4871b8f-ebf3-4b39-af62-c563ce10ea55
SCIP notification number (Finland)	46fe83e6-0ce4-4647-9444-9d2e5e9d5c6a
SCIP notification number (France)	06dada1f-5018-4ea2-82f7-750898e073e4
SCIP notification number (Germany)	8e25bc0c-9c7e-444f-bc52-539be6dce4d5
SCIP notification number (Hungary)	7c20c172-80ed-48a6-b1d6-f2de0abc0ed2
SCIP notification number (Italy)	ba992c95-3fe2-4d59-a821-bebfd71dee4e
SCIP notification number (Netherlands)	4b8fad86-de69-433b-8a11-c677e8aa797b
SCIP notification number (Poland)	5198b0eb-7f9d-4a5f-9d37-cc27a1d2c67b
SCIP notification number (Romania)	302ccd46-9dc2-4896-867c-e5dc729ffdd8
SCIP notification number (Sweden)	3a0430b6-d539-49c3-8179-3067e89fcf41



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5402/030-010	
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Documentation

System Description

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

756-5402/030-010	19.02.2019	xml 3.21 KB	
756-5402/030-010	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5402/030-010	
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