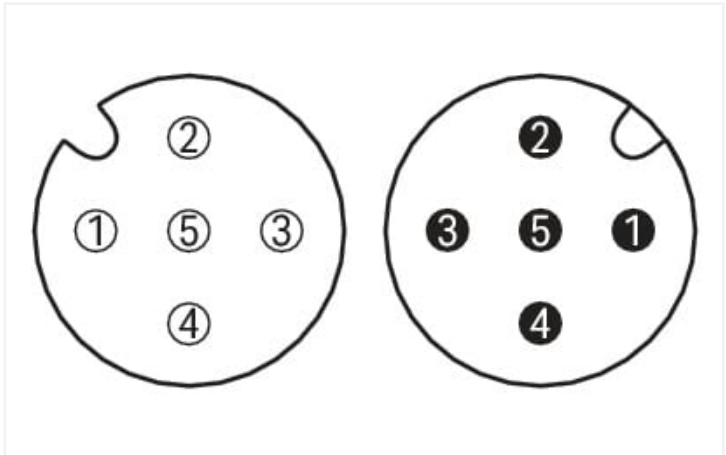


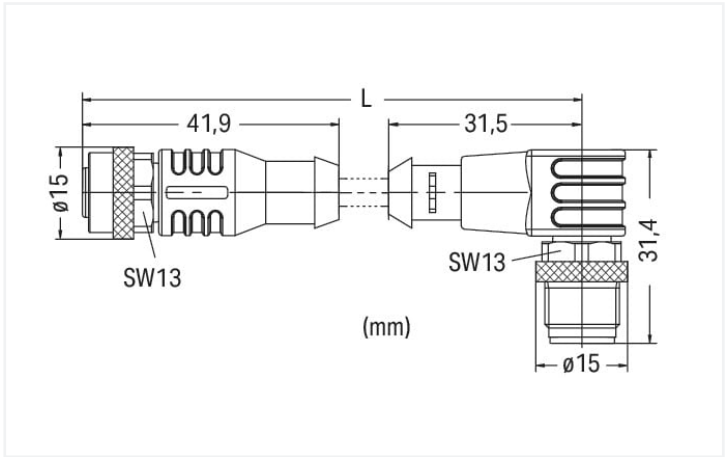


Similar to illustration



Pin 1 ... 5: 0.34 mm²

1	brown	1
2	white	2
3	blue	3
4	black	4
5	gray	5



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	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 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	4.8 ... 5.2 mm

Connector	
Connection type	M12 Socket - M12 plug
Pole number	5
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	4044918975636
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)	32a37fa1-141b-4e68-a747-704fd4c41c46
SCIP notification number (Belgium)	b86b5de1-f26d-46fb-8ccf-97178ef7f2dc
SCIP notification number (Bulgaria)	2ca91003-ad70-4356-9e98-35599fd57b3a
SCIP notification number (Czech Republic)	44491a90-1bf8-4fb6-a081-ee214ff96761
SCIP notification number (Denmark)	132c2a01-449b-4634-9509-df0b3a677a55
SCIP notification number (Finland)	b15ab077-4535-4014-b5eb-019d2bd6eecd
SCIP notification number (France)	a6949b6b-52ee-4d65-8352-603d50d0afa6
SCIP notification number (Germany)	b7704215-6d3c-4560-aaf8-ee26596dbfc7
SCIP notification number (Hungary)	4f707614-5abc-4d66-ae67-f3b309c2214e
SCIP notification number (Italy)	35e73b0e-4a94-4803-965f-2c4107a2323a
SCIP notification number (Netherlands)	f0d74fff-119e-4cc9-a92a-cfe907151884
SCIP notification number (Poland)	08f785b1-90df-4097-9a54-a40b83c3bcbcb
SCIP notification number (Romania)	8d304240-281a-4174-843f-a417f54455fa
SCIP notification number (Sweden)	c81771a3-bc90-4172-8b5b-2ff93006cb70



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5402/050-010	
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Documentation

System Description

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

756-5402/050-010	19.02.2019	xml 3.26 KB	
756-5402/050-010	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5402/050-010	
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