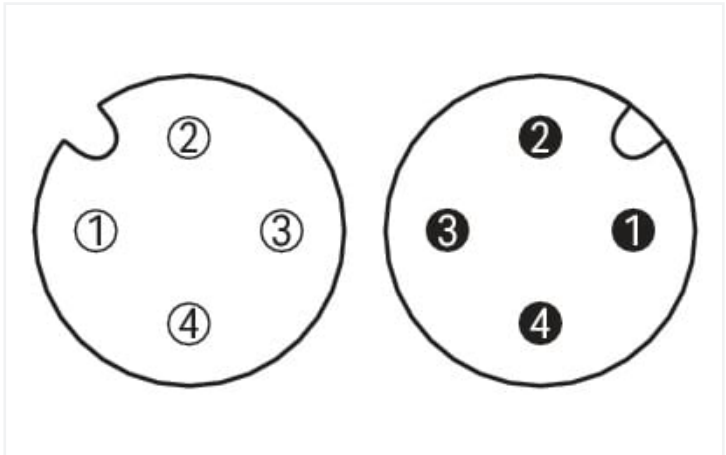


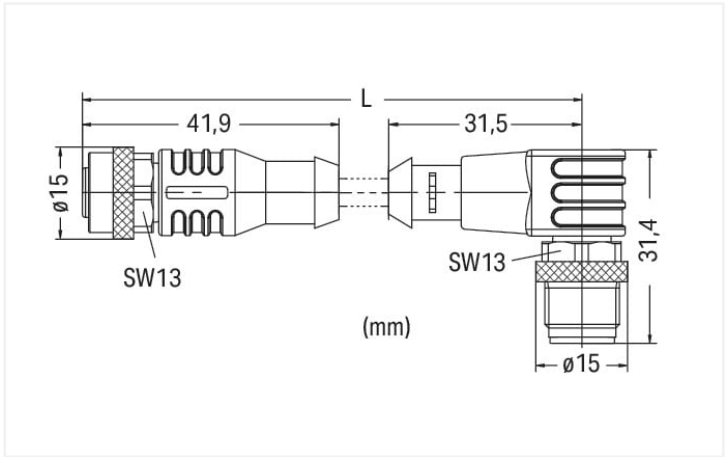


Similar to illustration



Pin 1 ... 4: 0.34 mm²

1	brown	1
2	white	2
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	2 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	4.5 ... 4.9 mm

Connector	
Connection type	M12 Socket - M12 plug
Pole number	4
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	4044918975544
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)	76c3b6b7-3405-4f24-8834-125061c13ac7
SCIP notification number (Belgium)	c8568fdf-3354-4b0c-84e5-0d214b8ffd00
SCIP notification number (Bulgaria)	2d42e4a2-de9b-4b94-8872-daf662d16200
SCIP notification number (Czech Republic)	0bd3da15-6734-4852-8f68-43f9be31a1fb
SCIP notification number (Denmark)	b7795d96-86a8-41c0-ae1e-d31677dae982
SCIP notification number (Finland)	60e96429-49ba-4577-85b5-60b8e0c71e43
SCIP notification number (France)	55bec252-87c6-4d59-928c-9cd031871d0e
SCIP notification number (Germany)	30541d39-a4c2-4db0-976c-bd576281e542
SCIP notification number (Hungary)	691d9d56-d1c0-4b81-9034-fa4993570042
SCIP notification number (Italy)	c4eb2038-b1e6-48de-a0ec-24fb580bb49a
SCIP notification number (Netherlands)	642d5be5-32f2-4839-85b1-b85cc0487ed1
SCIP notification number (Poland)	14298209-9ccd-4f2a-941b-0925cab68c4
SCIP notification number (Romania)	5d5440fb-2384-4046-9277-76d76e3d12b8
SCIP notification number (Sweden)	3fa09399-723f-41c3-8f11-884a3ab63c6b



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 756-5402/040-020



Documentation

System Description
IP67 Cables and Plug- gable Connectors

pdf
157.80 KB



Bid Text			
756-5402/040-020	19.02.2019	xml 3.24 KB	
756-5402/040-020	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data
WSCAD Universe 756-5402/040-020

