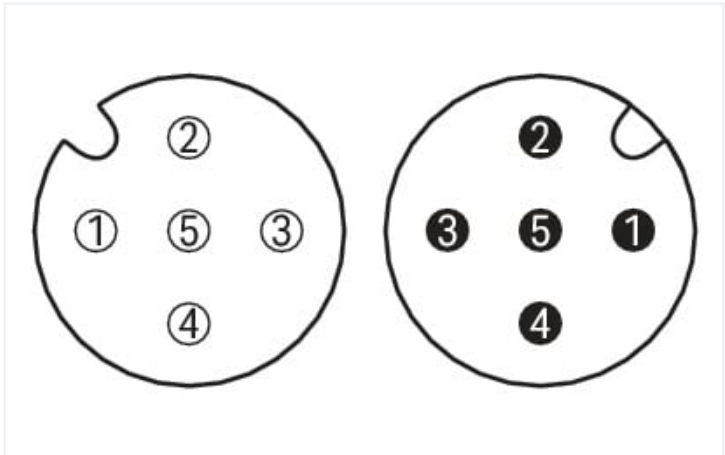
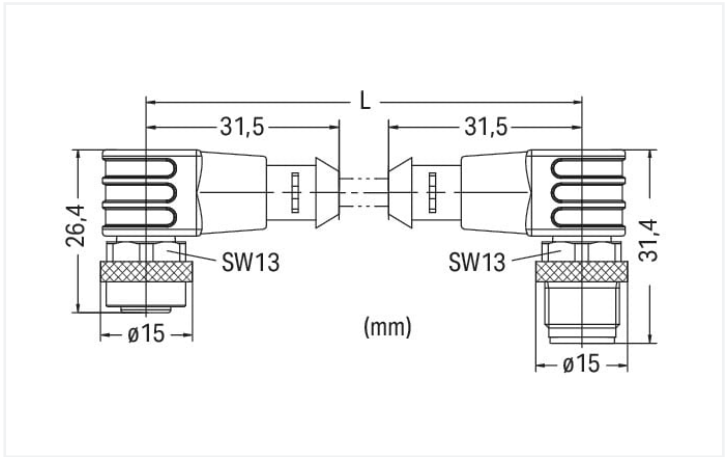




Similar to illustration

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	90 °
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	4044918975674
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)	ff987b7f-6fb7-465a-b594-8b1239ebe86f
SCIP notification number (Belgium)	656dd5af-e4ec-4660-9280-5d7da8038d52
SCIP notification number (Bulgaria)	204e4733-b8df-43cd-a1f2-66b334ff3ab5
SCIP notification number (Czech Republic)	80bf005a-97fb-418f-82b5-ff0289321cfd
SCIP notification number (Denmark)	6f9ca49c-10c8-4542-a555-8c443a596784
SCIP notification number (Finland)	27f0e2e2-da5a-4a47-bbb8-57b9468ca2c3
SCIP notification number (France)	35b30ea3-6b00-490c-8818-4ac14ffba264
SCIP notification number (Germany)	55be6bac-6138-43cc-a4d6-3d58918bc2a2
SCIP notification number (Hungary)	fa62df72-1954-4868-8408-7cb565c666fb
SCIP notification number (Italy)	c3131a4f-0cad-4376-8a6d-0dd45ab495d4
SCIP notification number (Netherlands)	6400829c-cde0-4aba-af25-eb355ca901e7
SCIP notification number (Poland)	d81d4e26-36fd-42e6-aa6a-b82022cb075c
SCIP notification number (Romania)	8bf5acff-986f-4b00-b159-280579a5e2fe
SCIP notification number (Sweden)	26056ae9-4512-49a0-adf1-bd1f26cf5c3f



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5404/050-010	
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Documentation

System Description

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

756-5404/050-010	19.02.2019	xml 3.27 KB	
756-5404/050-010	20.09.2017	doc 27.00 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5404/050-010	
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