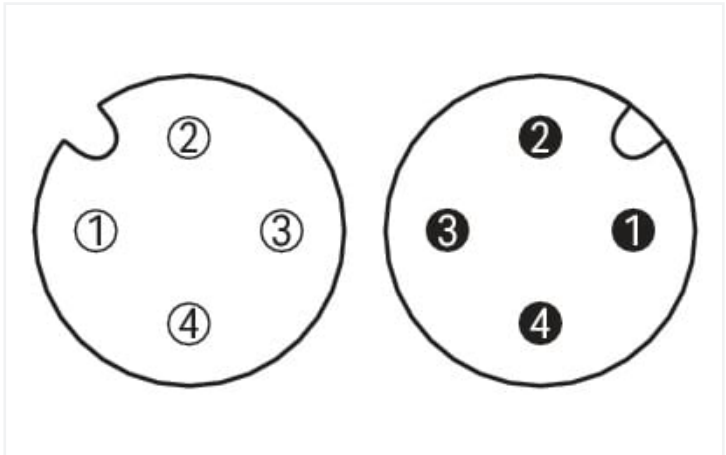


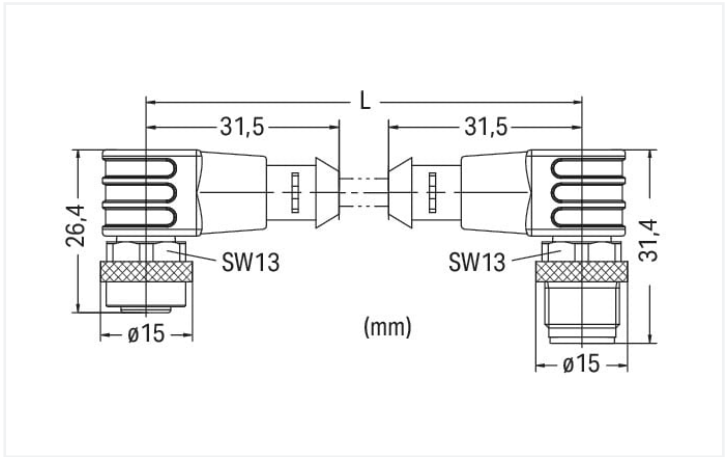


Similar to illustration



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	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	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	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	4044918975599
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)	40eb4bb5-dd93-4abc-b342-6c353a19124a
SCIP notification number (Belgium)	1bef6f27-8b55-4749-98bf-d208bc0e1c50
SCIP notification number (Bulgaria)	f6132678-0299-45fd-8b23-4a6b139266a5
SCIP notification number (Czech Republic)	2d8849b6-8a41-424d-a123-1a3e45e3df49
SCIP notification number (Denmark)	dad72e03-b837-4a93-9900-77217eabd58a
SCIP notification number (Finland)	7046bbcb-8c08-47dc-8989-ee3c12ce3f48
SCIP notification number (France)	c98dcccde-1a98-44f6-be8e-6aab657bfeaa
SCIP notification number (Germany)	1fdb7b14-5d17-4e2b-896c-0e7d44667a17
SCIP notification number (Hungary)	f2d902e9-9bc4-4926-b5a0-a871e0111b3a
SCIP notification number (Italy)	f1e90961-e928-448d-9ccd-f9ab265e9ad6
SCIP notification number (Netherlands)	c04c3151-0b22-491e-a818-ae10b755e811
SCIP notification number (Poland)	c445e449-ebc9-4b1e-b980-287f5fb3769f
SCIP notification number (Romania)	5cf561ce-d7b3-41d5-93d8-9f00dc1e2aef
SCIP notification number (Sweden)	6ef63344-bc80-4450-8f0d-19352b008e43



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5404/040-020	
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Documentation

System Description

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

756-5404/040-020	19.02.2019	xml 3.23 KB	
756-5404/040-020	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5404/040-020	
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