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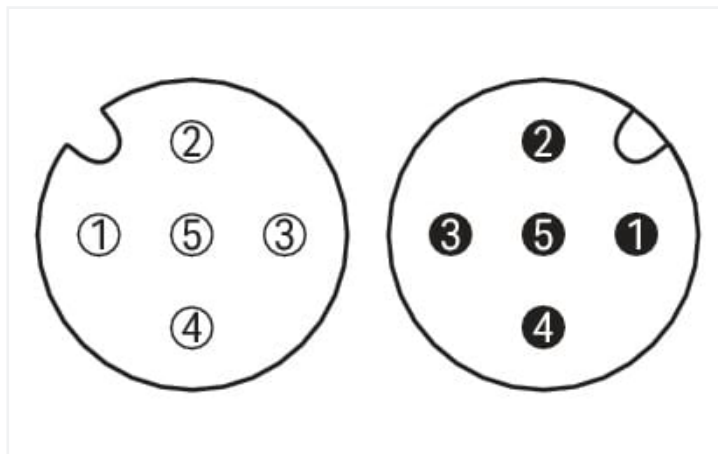
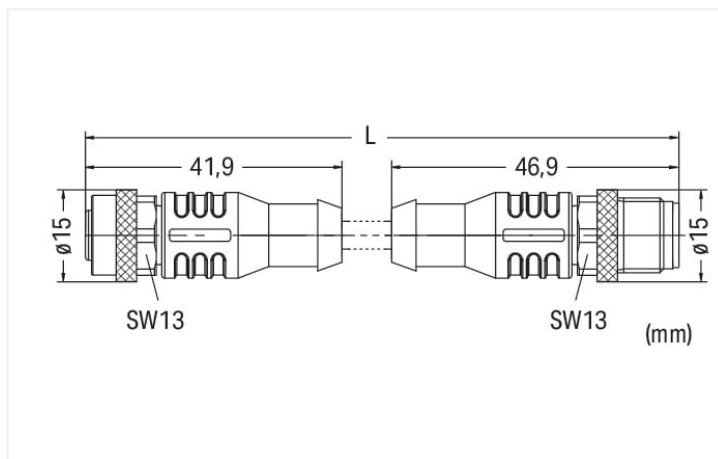


Diagram showing five horizontal lines, each labeled with a color and a number on both ends:

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



Dimensions in mm

- PUR, halogen-free
- Suitable for drag chains
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- High chemical resistance
- Cable used: UL listed

General information

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	1.5 kV
Insulation resistance	$> 10^9 \Omega$
Contact resistance	10 m Ω
Conductor resistance	$\leq 60 \Omega/\text{km}$
Pollution degree	3 per VDE 0110
Protection type	IP67
Ambient (operating) temperature (static)	-50 ... +90 °C
Ambient (operating) temperature (dynamic)	-25 ... +90 °C

Bending radius	10 x cable diameter (min.)
Bending cycles	2 million
Acceleration (min.)	5 m/s ²
Travel speed (max.)	3.33 m/s
Travel path (horizontal) max.	5 m
Travel path (vertical) max.	2 m
Torsional capacity	180 °/m



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)	0 °
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	4044918975605
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)	9a5513d9-0e88-4c0f-b914-e3f34dffbf8b
SCIP notification number (Belgium)	3318572d-82f4-4f2c-94ed-a8bb094d2f8b
SCIP notification number (Bulgaria)	82fd0d23-d9bb-4945-8b3e-fa7739b8086e
SCIP notification number (Czech Republic)	5a33a36e-59c0-4f1a-9e45-693750e51707
SCIP notification number (Denmark)	3281ee9b-5910-4817-85f7-8de39977b054
SCIP notification number (Finland)	def7450e-ac5f-48ae-a6ac-47b5f9647cf1
SCIP notification number (France)	0f438831-1607-46ca-bd83-f708b01fa4a5
SCIP notification number (Germany)	32f5f688-590a-4981-9eb6-7247d9376bcd
SCIP notification number (Hungary)	c4595591-98dd-4f21-8e76-264c3b8733f8
SCIP notification number (Italy)	97e8ca52-fe0c-479e-ac71-8a768862f0ae
SCIP notification number (Netherlands)	d649d7be-4e15-4346-8d3c-c2f8f753ebf7
SCIP notification number (Poland)	926d8a72-98f2-4fcf-bb55-3465be4272a7
SCIP notification number (Romania)	2de21707-e5a1-4b25-a2b4-00936ed98059
SCIP notification number (Sweden)	56c2afb8-5792-4242-a48d-a59d5e110c53



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5401/050-010	
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Documentation

System Description

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

756-5401/050-010	19.02.2019	xml 3.26 KB	
756-5401/050-010	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5401/050-010	
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