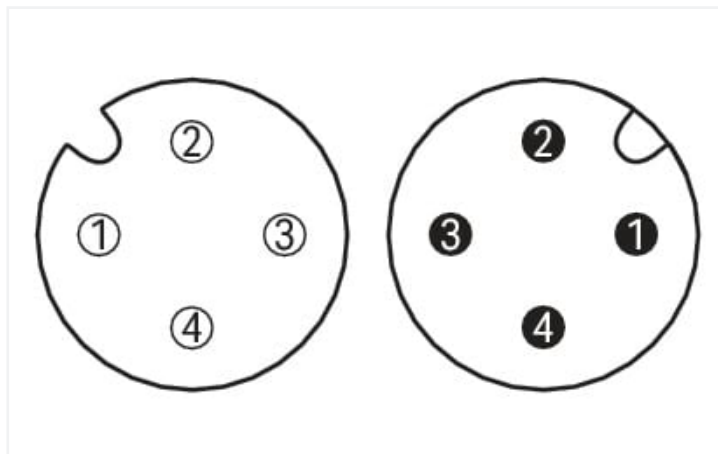
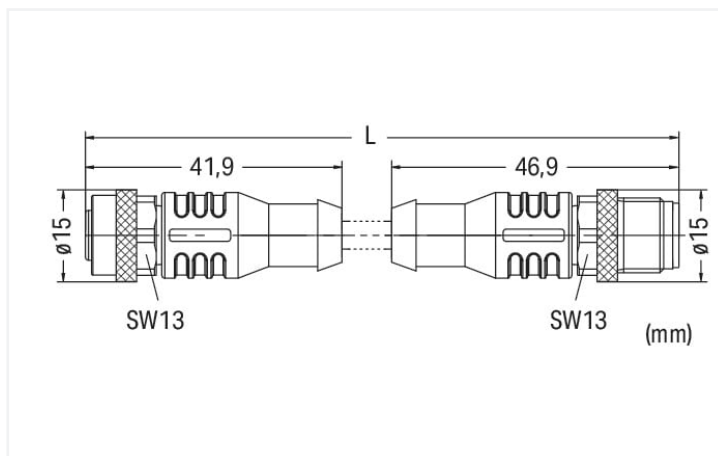
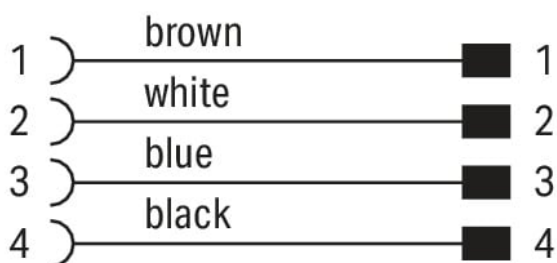


Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 1 m



Pin 1 ... 4: 0.34 mm²



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

General information

Operating voltage	250 VAC/DC
Operating current	4 A
Rated surge voltage	2.5 kV
Insulation resistance	> 10 ⁹ Ω
Contact resistance	10 mΩ
Conductor resistance	≤ 60 Ω/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	4.5 ... 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)	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	4044918975513
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)	eb7634dd-fa79-4779-a5bd-ca14587a007e
SCIP notification number (Belgium)	1d77f12f-67c6-43a7-9235-69442b706ba2
SCIP notification number (Bulgaria)	477b7697-a7ab-40ad-8eaa-f3e77dd84083
SCIP notification number (Czech Republic)	15d18c53-f75a-4e8d-b40f-7250a7b66fc7
SCIP notification number (Denmark)	2b14c922-77b3-477b-9b5b-ebf0720b36ce
SCIP notification number (Finland)	6a2ed875-bd43-4d35-a5dc-7814b387de3b
SCIP notification number (France)	815b8a1a-738f-48f8-a0fb-5ff98a52124b
SCIP notification number (Germany)	172f8cac-c895-440f-a231-3374fd4e5399
SCIP notification number (Hungary)	53da8a10-7555-4aa7-b005-0b1cf950652b
SCIP notification number (Italy)	a031dc03-b994-42e9-864a-a55b12e8592d
SCIP notification number (Netherlands)	581cc857-1530-4af2-8b03-bf14c0785775
SCIP notification number (Poland)	d105df27-252d-4a4d-8b64-fac98650a603
SCIP notification number (Romania)	8d9060b1-602b-44e9-b4cc-a70ef2b02da3
SCIP notification number (Sweden)	0706dba8-48a2-4cb0-90fe-702f889378da



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5401/040-010	
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Documentation

System Description

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

756-5401/040-010	20.09.2017	doc 26.00 KB	
756-5401/040-010	19.02.2019	xml 3.23 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5401/040-010	
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