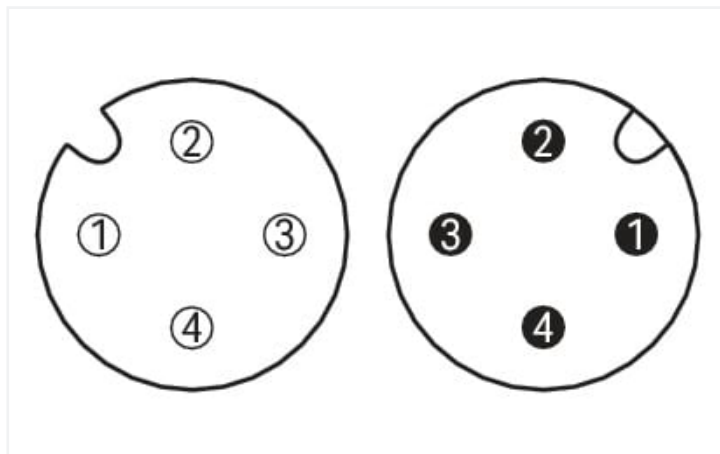
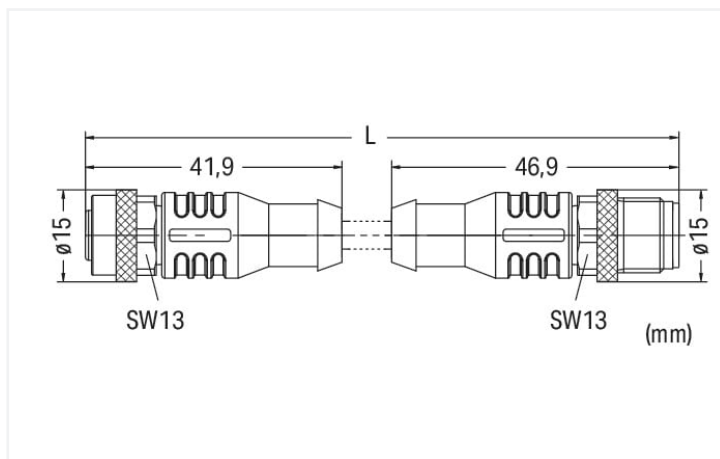
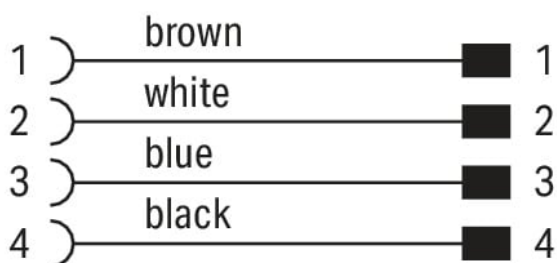


Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 2 m



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	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)	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	4044918975520
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)	b6424334-ae9a-4962-8c9d-d1b31506c1cd
SCIP notification number (Belgium)	4f1eded9-bdd1-4fa0-be96-51a5964748f4
SCIP notification number (Bulgaria)	93270d10-883d-4ef8-83ee-fb9c7cc4753d
SCIP notification number (Czech Republic)	47260a0b-d1cf-45b2-b3ac-2b44ffb9aaa1
SCIP notification number (Denmark)	977ffbde-8b03-4dc4-88d1-72464cf3d006
SCIP notification number (Finland)	f4891b32-d08b-4b4e-b31a-e0bca7894e13
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SCIP notification number (Romania)	b352e67a-36ab-4822-8f68-b5f3e0d4a909
SCIP notification number (Sweden)	5f88146e-ac3c-4d4e-a6d4-d2f80f23feed



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5401/040-020	
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Documentation

System Description

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

756-5401/040-020	19.02.2019	xml 3.23 KB	
756-5401/040-020	20.09.2017	doc 26.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe 756-5401/040-020	
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