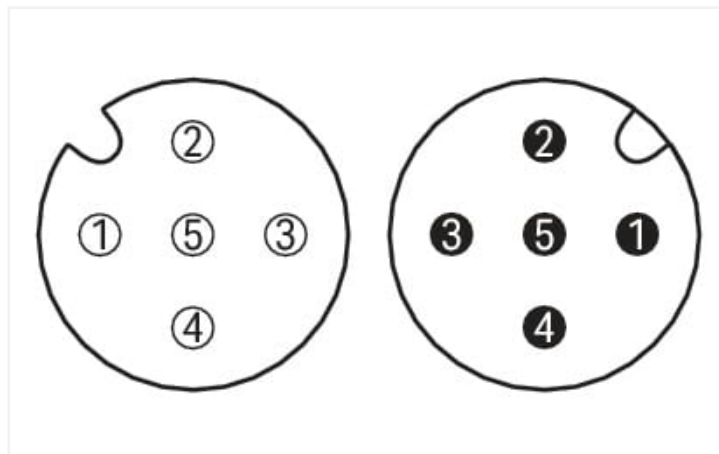
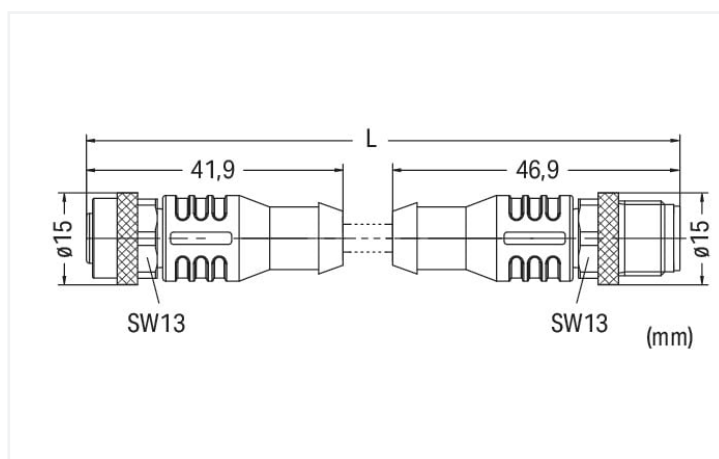
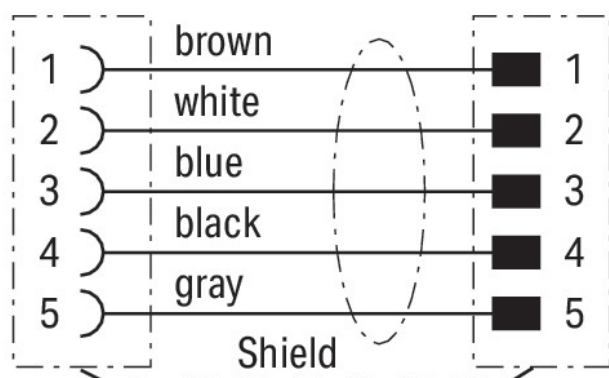


Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 5-pole; Length: 1 m



Pin 1 ... 5: 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	1.5 kV
Insulation resistance	$\geq 1.6 \times 10^{10} \Omega/\text{km}$
Contact resistance	10 m Ω
Conductor resistance	< 57 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	Fixed: >4xØ; Flexible: >7.5xØ
Bending cycles	2 million
Acceleration (min.)	10 m/s²
Travel speed (max.)	4 m/s
Travel path (horizontal) max.	15 m
Torsional capacity	180 °/m



Cable	
Cable length	1 m
Type code	Li9YC11Y-HF 5x0.34 mm²
Overall shield	Tinned copper braid, optical coverage approx. 80 %
Conductor configuration	Bare copper wire (7 x 0.25 mm)
Conductor insulation	Halogen-free PE
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	6.3 ... 6.7 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)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454724641
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)	7525a098-d443-4844-8821-c89909654733
SCIP notification number (Belgium)	bb0f964a-fb75-4b42-a6d4-be48c1bf79b1
SCIP notification number (Bulgaria)	4249a950-ad8e-42b1-812b-0d4e5b72ef55
SCIP notification number (Czech Republic)	40153405-d79e-4e29-ab73-cb2315033f8f
SCIP notification number (Denmark)	32c4332c-ec33-4d7b-b8a4-32284e7c75dc
SCIP notification number (Finland)	f2712c32-7efb-4cd0-a6cf-4a8cbb3ca7c9
SCIP notification number (France)	d4c33e19-22ce-40cb-9c9e-658c4e647b63
SCIP notification number (Germany)	b568deb6-67cb-463c-9f0c-94fcea397947
SCIP notification number (Hungary)	4829567d-ee0b-4abd-bb0e-7d5c5dcb8360
SCIP notification number (Italy)	42ea2a5a-c5da-403a-bf69-84d7f5716c54
SCIP notification number (Netherlands)	f866918c-0988-4c09-a124-38b906e971ee
SCIP notification number (Poland)	a682d25c-818b-47c2-9869-2ed6670fd011
SCIP notification number (Romania)	19c8674b-08bb-4ce6-ae0d-3e93f8f0a594
SCIP notification number (Sweden)	9b7b89a5-f925-48e6-9774-d611b264f840



Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 756-5401/060-010



Documentation

System Description
IP67 Cables and Plug- gable Connectors

pdf
157.80 KB



Bid Text			
756-5401/060-010	19.02.2019	xml 3.28 KB	
756-5401/060-010	20.09.2017	doc 27.00 KB	

CAD/CAE-Data

CAE data
WSCAD Universe 756-5401/060-010

