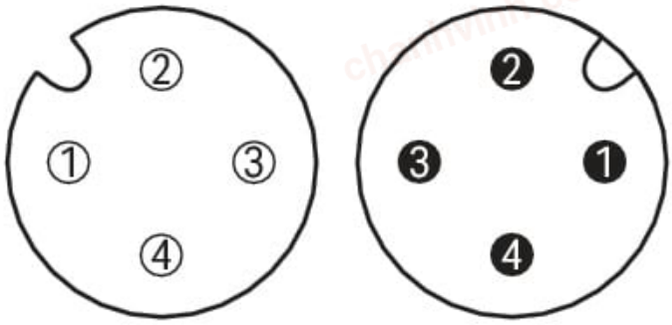
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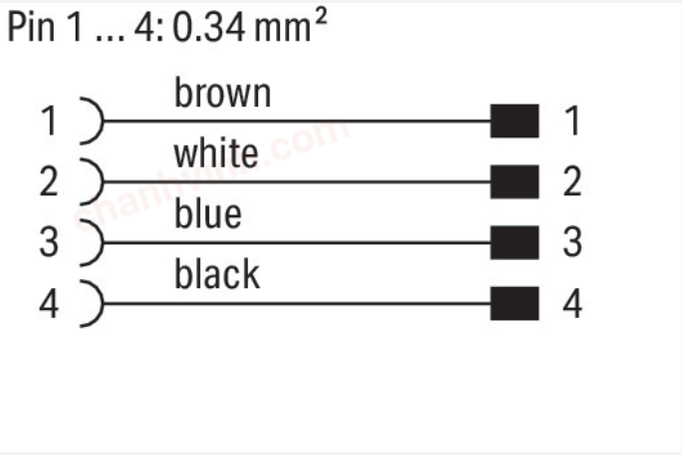
Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 2 m

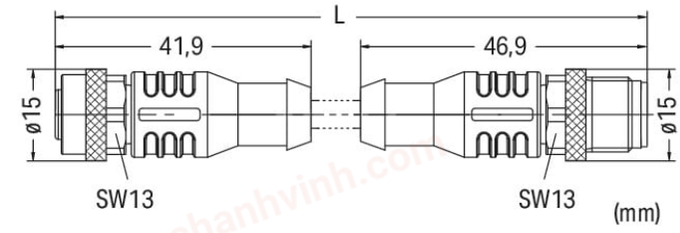
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Similar to illustration





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

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

Drag chain compatible

Bending radius	10 x cable diameter (min.)
Bending cycles	2 million
Acceleration (min.)	5 m/s²
Travel speed (max.)	3.33 m/s
Travel path (horizontal) max.	5 m
Travel path (vertical) max.	2 m
Torsional capacity	180 °/m

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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
SCIP notification number (France)	e0f81532-5bca-42ef-9a38-0d058d3c0a3a
SCIP notification number (Germany)	7140522a-6be3-40bb-9804-9d65608d1087
SCIP notification number (Hungary)	e8ec6be6-719a-46bb-b4be-9a09e80e1da1
SCIP notification number (Italy)	c8024a24-c4a9-4f00-9ee5-6a783e72ab56
SCIP notification number (Netherlands)	ccdf340f-cde7-4db9-be71-c413a8a2792c
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SCIP notification number (Romania)	b352e67a-36ab-4822-8f68-b5f3e0d4a909
SCIP notification number (Sweden)	5f88146e-ac3c-4d4e-a6d4-d2f80f23feed

Continued on next page

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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

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

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