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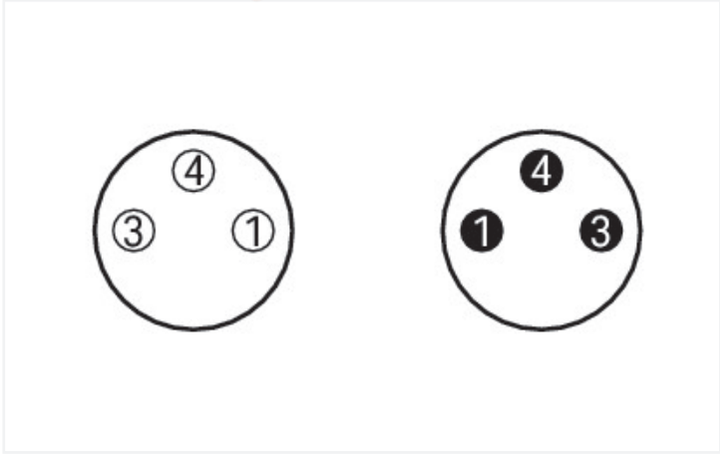
Data Sheet | Item Number: 756-5201/030-010

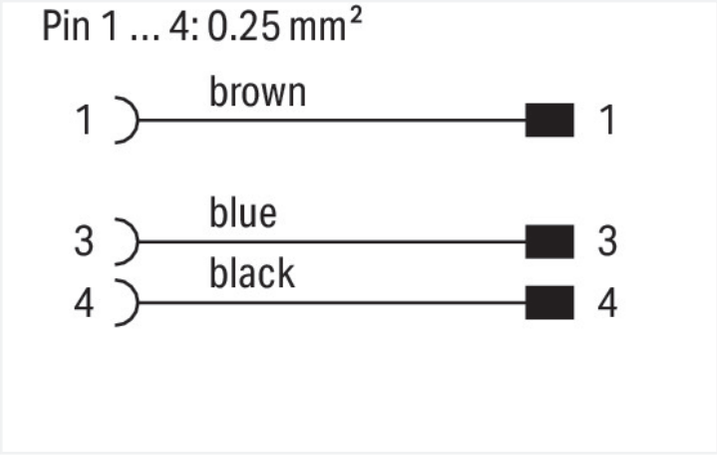
Sensor/Actuator cable; M8 socket; straight; M8 plug; straight; 3-pole; Length: 1 m

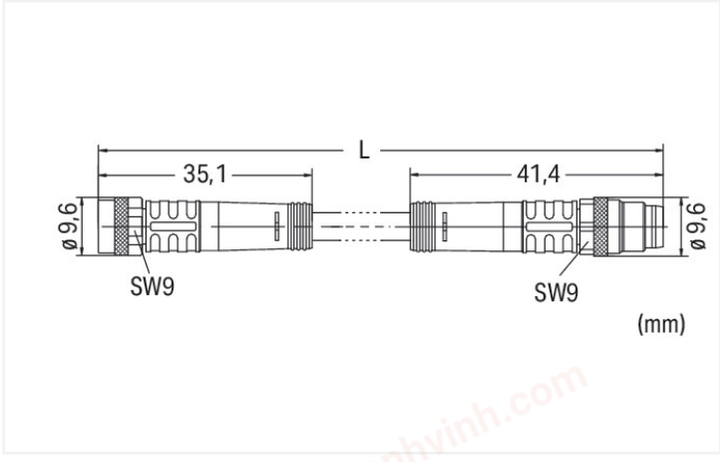
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Similar to illustration







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	60 VAC/DC
Operating current	4 A
Rated surge voltage	1.5 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	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	3.9 … 4.3 mm

Connector

Connection type	M8 socket - M8 plug
Pole number	3
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	0 °
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 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	DE
GTIN	4044918974547
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)	2e6af981-9839-40c5-9fd9-bb60535eab29
SCIP notification number (Belgium)	ba0cdcfb-a722-4cae-b7df-255f5ebf988e
SCIP notification number (Bulgaria)	1c981189-4187-4d51-bedd-2dd71b4228b6
SCIP notification number (Czech Republic)	ac375306-9c5d-4dd3-8861-aa7ea7f1ec2f
SCIP notification number (Denmark)	6d6d83a4-f0af-41a2-9eca-b5a729dc8423
SCIP notification number (Finland)	62b176e9-b6d6-4847-9b3f-3588c35a21c0
SCIP notification number (France)	bb5b3ac4-95e4-4a89-964d-be18e13dbc26
SCIP notification number (Germany)	a3ce71fe-c2ce-4fc8-9196-9869daed2715
SCIP notification number (Hungary)	cf9c9b90-780c-4dce-9f81-00ae4141a705
SCIP notification number (Italy)	c8369c54-4431-4551-8223-658e59d059bd
SCIP notification number (Netherlands)	17869bb6-e00d-4728-9f0c-edccbe8e1b0b
SCIP notification number (Poland)	94b09f84-fa02-4fc7-991e-c06f958e2b94
SCIP notification number (Romania)	a28a4820-95af-4ff2-9a70-89fb29403bae
SCIP notification number (Sweden)	e20412c6-c21d-44b2-9dc0-4720abbed45d

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Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 756-5201/030-010

Documentation

System Description		
IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text		
756-5201/030-010	19.02.2019	xml 3.20 KB
756-5201/030-010	20.09.2017	doc 25.50 KB

CAD/CAE-Data

CAE data
WSCAD Universe 756-5201/030-010