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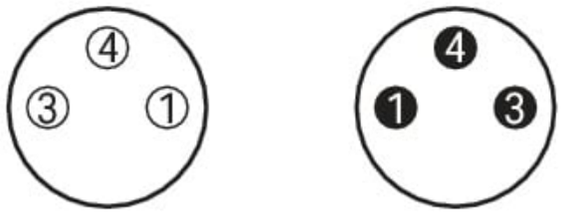
Data Sheet | Item Number: 756-5203/030-010

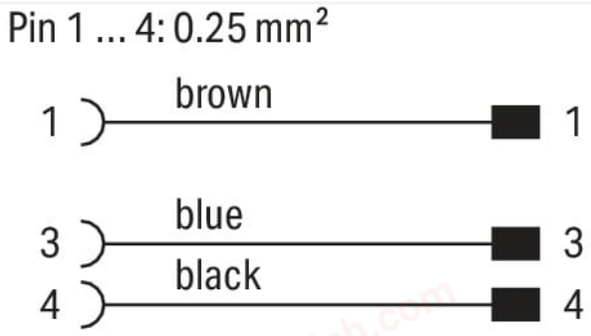
Sensor/Actuator cable; M8 socket; angled; M8 plug; straight; 3-pole; Length: 1 m

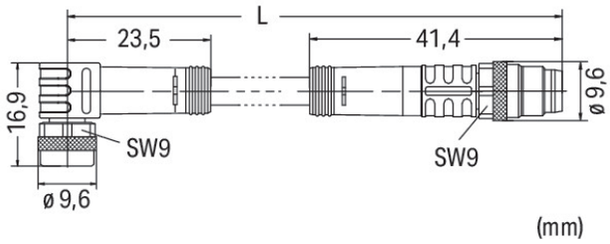
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Similar to illustration







Dimensions in mm

Short description:

- PUR, halogen-free
- Suitable for drag chains
- Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation.
- Good chemical resistance.
- Cable used: UL listed

Technical data

General information

Operating voltage	AC/DC 60 V
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	90 °
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	4044918974615
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)	205f30f8-5cb7-4039-9eaa-b6acb15193db
SCIP notification number (Belgium)	2f1f977b-a8e3-449b-ac9d-de91e4ae703c
SCIP notification number (Bulgaria)	a93249db-339b-43bc-a888-1c252229182e
SCIP notification number (Czech Republic)	e4c41d2d-133a-4ada-839b-827a464c088f
SCIP notification number (Denmark)	c219f8ba-03ef-43a7-a1ae-3d40b6c3d63d
SCIP notification number (Finland)	736c9dee-e371-4882-898f-1d9cd17f6613
SCIP notification number (France)	a2104078-2c53-4fd1-94e9-c3a7d1c7b8cd
SCIP notification number (Germany)	314d9163-7d31-43c7-a2bf-b345b074dfae
SCIP notification number (Hungary)	4b1fb041-8be0-4e51-8db9-9ad031ebb3a3
SCIP notification number (Italy)	2235e3eb-ff67-4adf-9688-015e21975037
SCIP notification number (Netherlands)	185900ea-20a1-40d2-8a66-4c66c43b8b18
SCIP notification number (Poland)	a4261604-7642-4c63-8912-a3dbd9a01ebb
SCIP notification number (Romania)	8145f7ce-a6a6-4875-9a25-027f6826cbfc
SCIP notification number (Sweden)	3d5d1afb-d6f2-4338-b990-647081b33e1e

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5203/030-010

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5203/030-010	19.02.2019	xml 3.21 KB
756-5203/030-010	20.09.2017	doc 25.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe 756-5203/030-010