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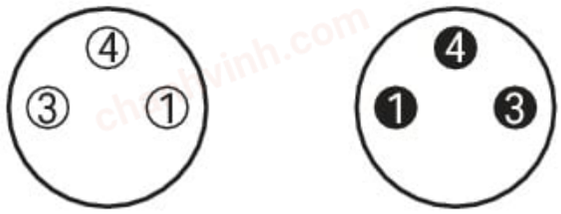
Data Sheet | Item Number: 756-5203/030-020

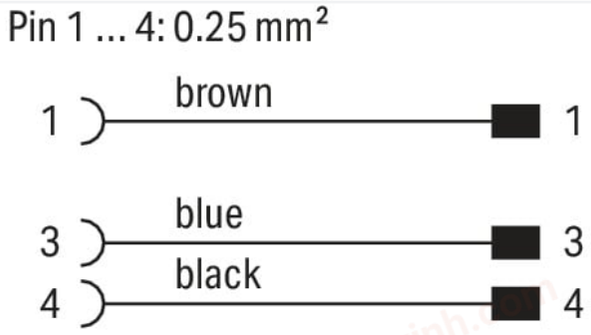
Sensor/Actuator cable; M8 socket; angled; M8 plug; straight; 3-pole; Length: 2 m

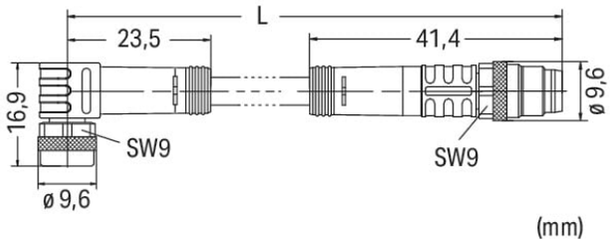
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Similar to illustration







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	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	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	4044918974622
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)	129cab70-80a8-4193-abd0-93a96b7db4f3
SCIP notification number (Belgium)	a565d93b-db2c-4073-9a45-eeadcba9f706
SCIP notification number (Bulgaria)	9b37e71f-37ad-4048-83e0-220d8cd93176
SCIP notification number (Czech Republic)	a65b5eb1-990b-453f-8c2d-b3424aa9ab89
SCIP notification number (Denmark)	3f04e42e-3b7e-4d5c-bbd5-012519f3f91a
SCIP notification number (Finland)	4ed916d8-3e46-40a7-a543-328cfe5a348b
SCIP notification number (France)	f7e9efc7-7108-4ddb-be3a-b00b5fe97a61
SCIP notification number (Germany)	7f72203a-e5c0-4f3b-9e1f-3cbe4d626a99
SCIP notification number (Hungary)	8d6c3c7e-9f64-45de-aef6-053c58594291
SCIP notification number (Italy)	adc93df4-c784-4c1b-850b-046c753e69d8
SCIP notification number (Netherlands)	4ad2a2d5-ec79-4c2c-9930-85f2045bdeef
SCIP notification number (Poland)	d4481adc-d571-4d7f-9c50-a38b70e7f1fd
SCIP notification number (Romania)	c46cf62c-74b8-40ac-a800-18f571d19d44
SCIP notification number (Sweden)	fb474397-e622-4ad4-bdcf-1550ad92f3c0

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5203/030-020	

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5203/030-020	19.02.2019	xml 3.18 KB
756-5203/030-020	20.09.2017	doc 25.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe 756-5203/030-020	

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