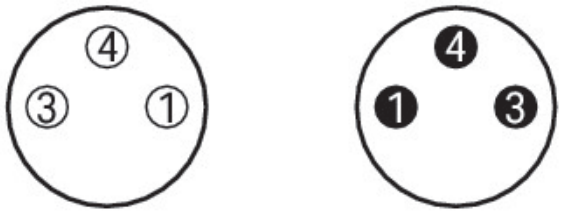
Data Sheet | Item Number: 756-5203/030-020

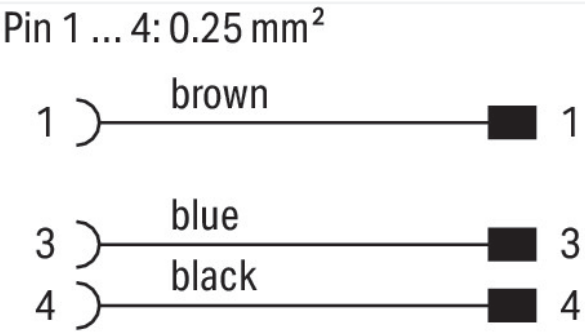
Sensor/Actuator cable; M8 socket; angled; M8 plug; straight; 3-pole; Length: 2 m

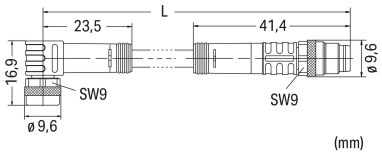
https://www.wago.com/756-5203/030-020





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 impulse withstand 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

General information

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

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

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

PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918974622
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
eCl@ss 10.0	27-06-03-11
eCl@ss 9.0	27-06-03-11
ETIM 9.0	EC001855
ETIM 10.0	EC001855
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

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

Continued on next page

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