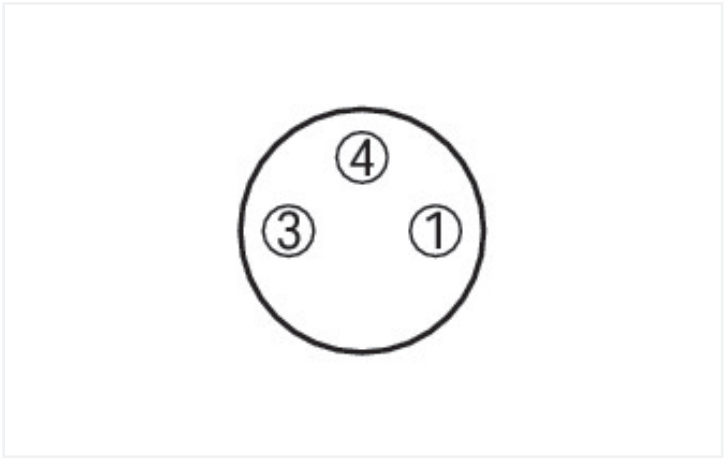
Data Sheet | Item Number: 756-5101/030-015

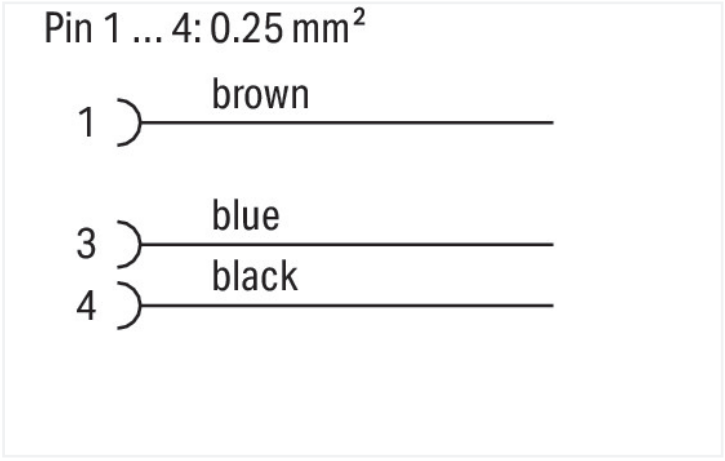
Sensor/Actuator cable; M8 socket; straight; 3-pole; Length: 1.5 m

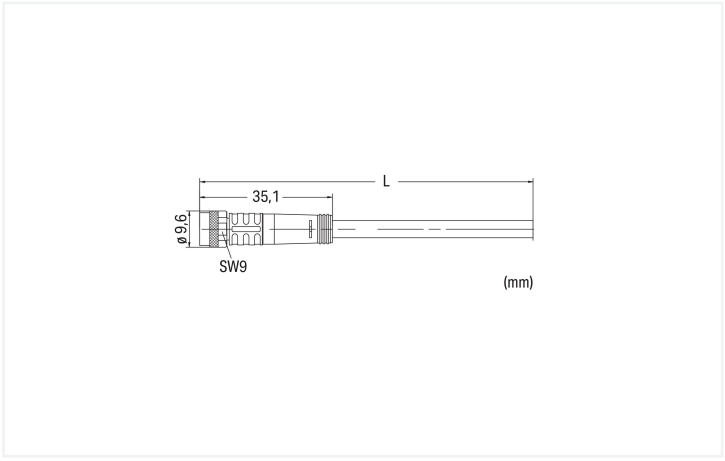
https://www.wago.com/756-5101/030-015





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 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

Other properties

Note	Silicone-free, CFC-free, microbe and hydrolysis resistant, oil resistant Design per UL + CSA, UL AWM Style 21198, Core Style 10493

Cable

Cable length	1.5 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 - free end
Pole number	3
Cable connection direction to mating direction	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	CZ
GTIN	4044918973298
Customs tariff number	85444290900

Product Classification

UNSPSC	26121609
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)	df30bff7-b6c1-4f84-9e4d-1c8b2ace79d9
SCIP notification number (Belgium)	caba0e1c-1aad-490c-8dc5-5932ed219ff2
SCIP notification number (Bulgaria)	34a9b86f-53f8-4f1f-be53-028e01e67cf6
SCIP notification number (Czech Republic)	0a827dd2-2071-4d13-a925-0b1ae1bfe2fd
SCIP notification number (Denmark)	51adde74-e33d-4799-9c4b-925d0d27d26c
SCIP notification number (Finland)	47a18044-cf86-4d6f-90f0-94e6ebd1052f
SCIP notification number (France)	6b7391be-7c17-4cc6-981c-8fa2b50170d1
SCIP notification number (Germany)	fd6d4e23-a201-4373-9979-1f5cea6a85bc
SCIP notification number (Hungary)	81a18c93-8f6b-4e87-b163-c85019648cd9
SCIP notification number (Italy)	f1c197c8-3b40-46ff-833e-feb2578081a9
SCIP notification number (Netherlands)	4410a73b-dbf2-4a3d-a758-b43b7628f692
SCIP notification number (Poland)	45dd56c9-08f5-4deb-8815-052fb4816a6d
SCIP notification number (Romania)	95e41247-7e8f-45da-b9e6-70fa6fdfac29
SCIP notification number (Sweden)	7005666c-d7c0-4932-8825-6f299f833adb

Continued on next page

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2238	E519602

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5101/030-015

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5101/030-015	19.02.2019	xml 3.20 KB
756-5101/030-015	20.09.2017	doc 25.00 KB

CAD/CAE-Data

CAE data

WSCAD Universe
756-5101/030-015