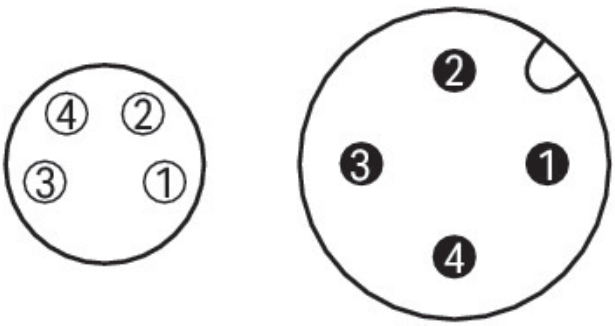
Data Sheet | Item Number: 756-5509/040-010

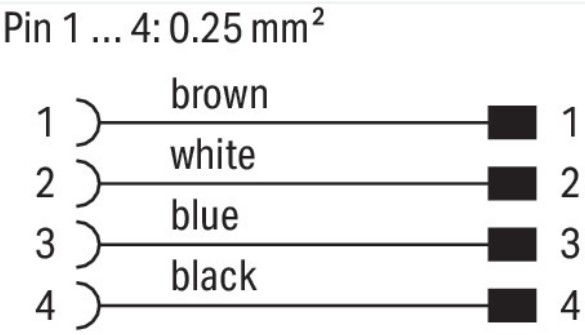
Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 4-pole; Length: 1 m

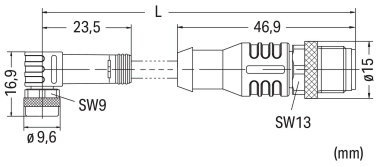
https://www.wago.com/756-5509/040-010





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	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

Connector

Connection type	M8 socket - M12 plug
Pole number	4
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adapter) 2 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 … 1 Nm

Commercial data

PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918975971
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)	78b71d60-861e-48aa-944f-baf4847b7b0e
SCIP notification number (Belgium)	0086c66d-5abc-44bf-95d2-083796c952d1
SCIP notification number (Bulgaria)	fbddbcf7-0eb4-458e-89a1-3dc5c4ee83ec
SCIP notification number (Czech Republic)	213cb1c5-2d5a-4c39-80c0-74ef49cb23ef
SCIP notification number (Denmark)	35baae84-bb25-4f22-9969-841814614e12
SCIP notification number (Finland)	f965d92a-398a-4399-9760-1826cb73271e
SCIP notification number (France)	20f27b76-7282-4ec5-b16b-c5407ed00483
SCIP notification number (Germany)	a110eaae-9df1-469c-a5d0-cf533b07ad2c
SCIP notification number (Hungary)	3c5b9d2a-5489-4e74-b87d-e37b9746ce1c
SCIP notification number (Italy)	4d283c18-9898-478e-bcbd-bb07e37cdd0b
SCIP notification number (Netherlands)	51670a28-56b2-4f7e-ae9d-15cd5f64eb7f
SCIP notification number (Poland)	f8d3f38f-f9bf-4f54-afb8-be0a3165ea10
SCIP notification number (Romania)	b1b8a06d-dc40-4a63-86a5-b69029af2b59

Continued on next page

Environmental Product Compliance

SCIP notification number (Sweden)	bf8dcfc7-51a9-4fcd-92de-494aeb078d04

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5509/040-010

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5509/040-010	19.02.2019	xml 3.24 KB
756-5509/040-010	20.09.2017	doc 25.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe 756-5509/040-010