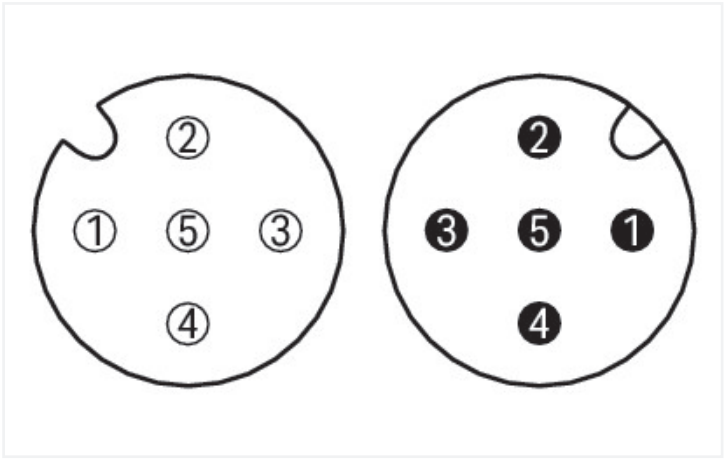
Data Sheet | Item Number: 756-5401/050-010

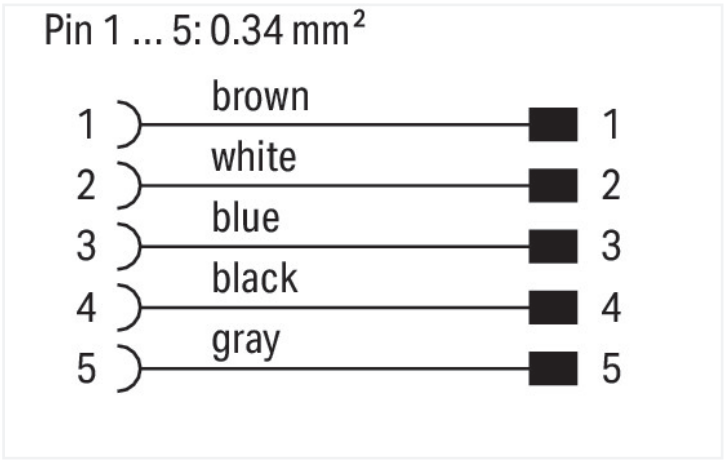
Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 5-pole; Length: 1 m

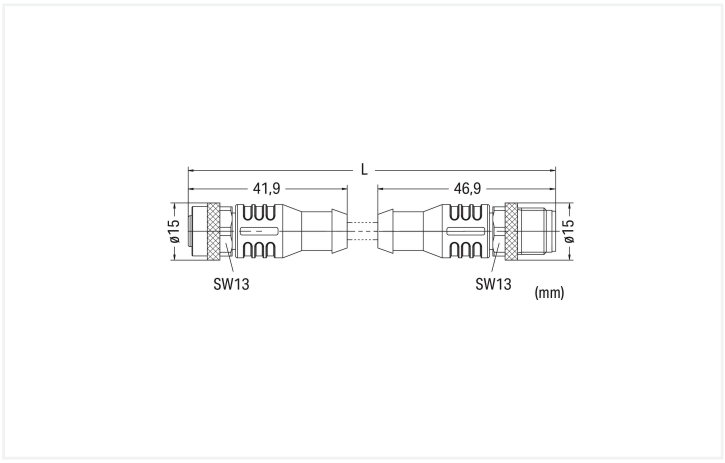
https://www.wago.com/756-5401/050-010





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	250 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

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	M12 Socket - M12 plug
Pole number	5
Cable connection direction to mating direction	0 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adapter) 1 1	A-coded
Connector interface coding (cable/adapter) 2 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	1 Nm

Commercial data

PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	HU
GTIN	4044918975605
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)	9a5513d9-0e88-4c0f-b914-e3f34dffbf8b
SCIP notification number (Belgium)	3318572d-82f4-4f2c-94ed-a8bb094d2f8b
SCIP notification number (Bulgaria)	82fd0d23-d9bb-4945-8b3e-fa7739b8086e
SCIP notification number (Czech Republic)	5a33a36e-59c0-4f1a-9e45-693750e51707
SCIP notification number (Denmark)	3281ee9b-5910-4817-85f7-8de39977b054
SCIP notification number (Finland)	def7450e-ac5f-48ae-a6ac-47b5f9647cf1
SCIP notification number (France)	0f438831-1607-46ca-bd83-f708b01fa4a5
SCIP notification number (Germany)	32f5f688-590a-4981-9eb6-7247d9376bcd
SCIP notification number (Hungary)	c4595591-98dd-4f21-8e76-264c3b8733f8
SCIP notification number (Italy)	97e8ca52-fe0c-479e-ac71-8a768862f0ae
SCIP notification number (Netherlands)	d649d7be-4e15-4346-8d3c-c2f8f753ebf7

Continued on next page

Environmental Product Compliance

SCIP notification number (Poland)	926d8a72-98f2-4fcf-bb55-3465be4272a7
SCIP notification number (Romania)	2de21707-e5a1-4b25-a2b4-00936ed98059
SCIP notification number (Sweden)	56c2afb8-5792-4242-a48d-a59d5e110c53

Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5401/050-010

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5401/050-010	19.02.2019	xml 3.26 KB
756-5401/050-010	20.09.2017	doc 26.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe
756-5401/050-010