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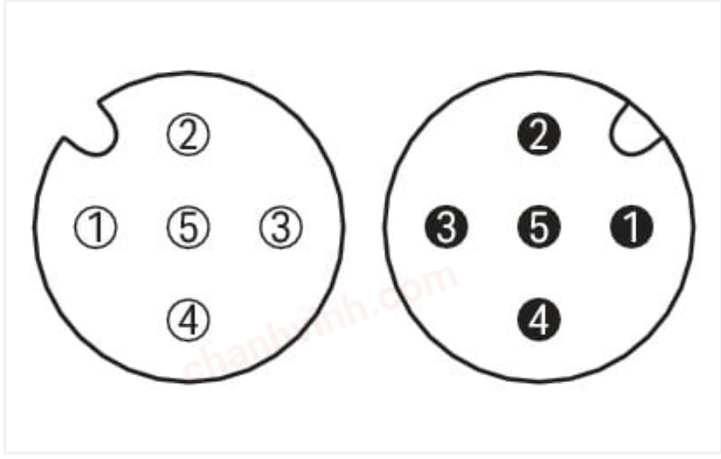
Data Sheet | Item Number: 756-5401/050-020

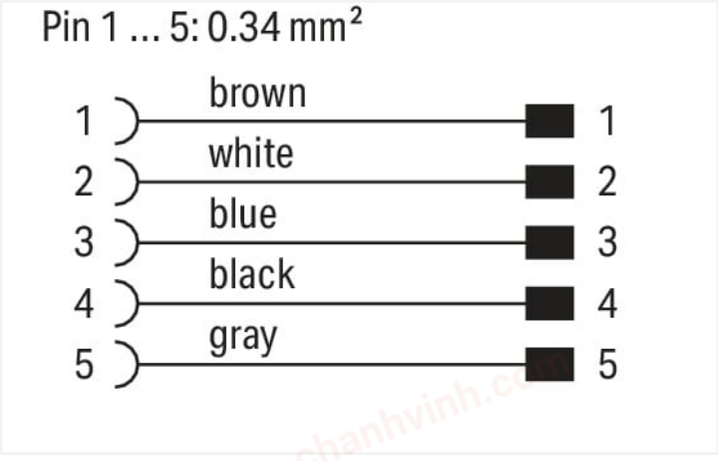
Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 5-pole; Length: 2 m

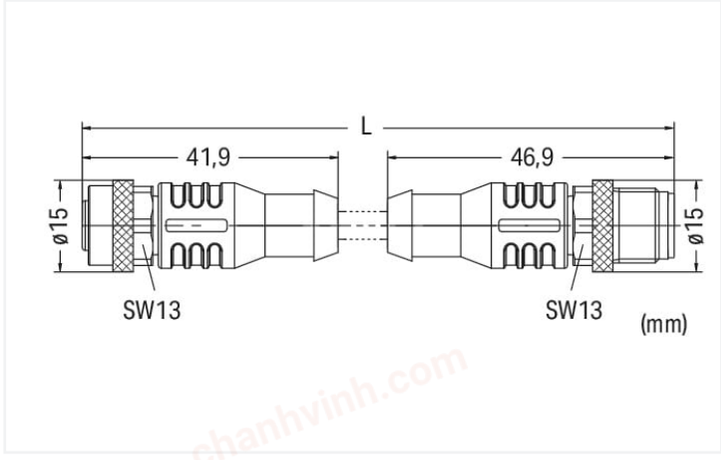
https://www.wago.com/756-5401/050-020



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 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	4.8 … 5.2 mm

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

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	HU
GTIN	4044918975629
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)	82812c3a-f96a-4278-b718-63eb45acebe4
SCIP notification number (Belgium)	69499b23-ac34-4e3b-b453-18416917ac6f
SCIP notification number (Bulgaria)	da8859b5-3147-4f54-8a1f-0dd5918d72ab
SCIP notification number (Czech Republic)	1c833606-3bee-49e8-9b1c-a23aa88dc406
SCIP notification number (Denmark)	973080f8-fc27-423f-a367-7f8fc24ee09f
SCIP notification number (Finland)	f43c5598-2775-4e81-b43b-01b31a6c204b
SCIP notification number (France)	766d6309-4139-405f-9a2b-3b065c153a0a
SCIP notification number (Germany)	65c5d823-89dc-495c-9546-3fb638b75eb7
SCIP notification number (Hungary)	ce2c9b32-e830-4e15-a916-77a4e3df71ba
SCIP notification number (Italy)	4131a34a-80e6-4431-b83d-35f90ed908a5
SCIP notification number (Netherlands)	33f9fba7-63c7-4706-867d-955aa7528570
SCIP notification number (Poland)	683e2ccd-dc45-4e70-9cb2-bda6401ba763
SCIP notification number (Romania)	fd80b9d2-e563-44e9-b059-0cd046d8c850
SCIP notification number (Sweden)	35abedb8-a47c-430e-8559-4638c33c015e

Continued on next page

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Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5401/050-020

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5401/050-020	19.02.2019	xml 3.26 KB
756-5401/050-020	20.09.2017	doc 26.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe
756-5401/050-020