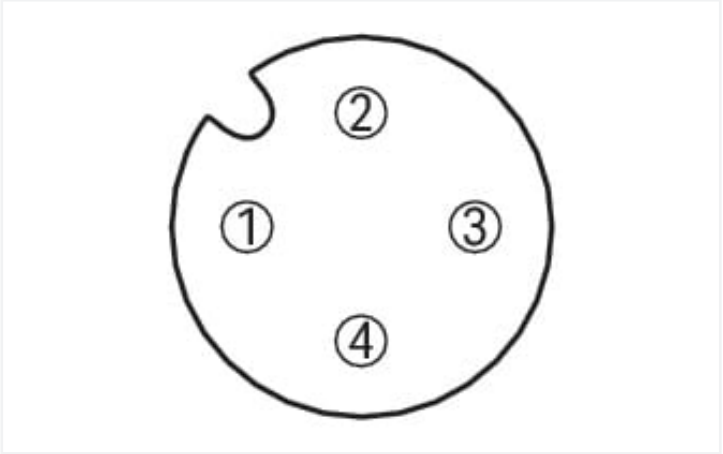
Data Sheet | Item Number: 756-5301/040-100

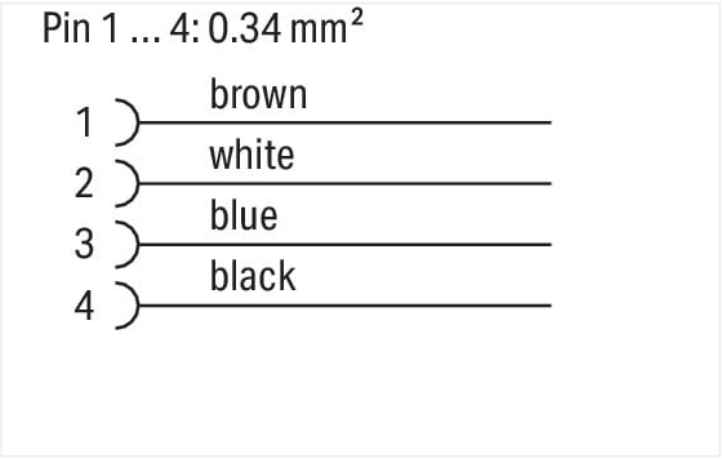
Sensor/Actuator cable; M12A socket; straight; 4-pole; Length: 10 m

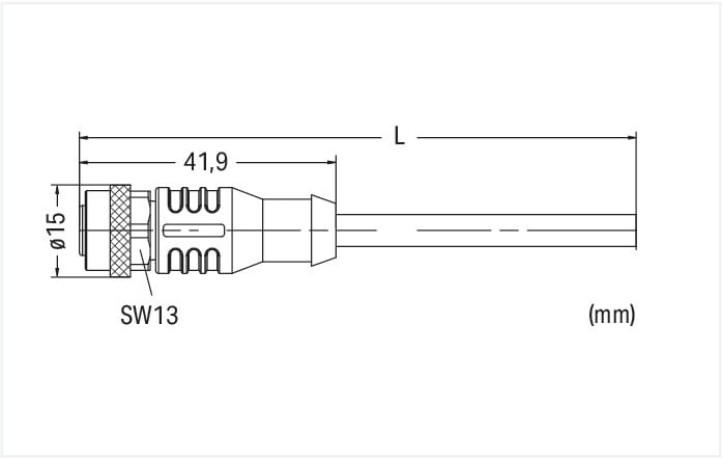
https://www.wago.com/756-5301/040-100





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	2.5 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

Continued on next page

Cable

Cable length	10 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	4.5 … 4.9 mm

Connector

Connection type	M12 Socket - free end
Pole number	4
Cable connection direction to mating direction	0 °
Connector interface coding (cable/adapter) 1 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	4045454942007
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)	f57eaae9-7f26-4179-ba83-eb4eb82357fc
SCIP notification number (Belgium)	b50b032b-115b-49c5-8dd5-ec8ee00ed664
SCIP notification number (Bulgaria)	23ce0972-b872-4893-b005-2d368360786a
SCIP notification number (Czech Republic)	736b0c26-f1f7-44ba-8b4b-69a6484efd3d
SCIP notification number (Denmark)	7ff620a6-72e7-4760-a381-11b298784f5a
SCIP notification number (Finland)	6ffb036a-a4fa-4e28-8ba2-8ed139f8e359
SCIP notification number (France)	a7c41c60-537e-402d-959a-b354658f9874
SCIP notification number (Germany)	b8841608-c9ea-4c12-9964-7a2b77cd9d05
SCIP notification number (Hungary)	4b1f9e33-96c9-4d86-b0ae-7ae34a60311a
SCIP notification number (Italy)	47ea7a56-03ed-4a90-b6b9-a2857926a0c8
SCIP notification number (Netherlands)	4e2259f3-488e-4d79-ab5b-accc88b37022
SCIP notification number (Poland)	3b33f0eb-f32d-465c-848e-ff3621474384
SCIP notification number (Romania)	782fb9d4-2829-41d9-8214-76bf06d1e166
SCIP notification number (Sweden)	3a69d08a-ce13-486c-8e96-b728a569e27c

Approvals / Certificates

General approvals

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5301/040-100

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5301/040-100	19.02.2019	xml 3.24 KB
756-5301/040-100	20.09.2017	doc 26.00 KB

CAD/CAE-Data

CAE data

WSCAD Universe 756-5301/040-100