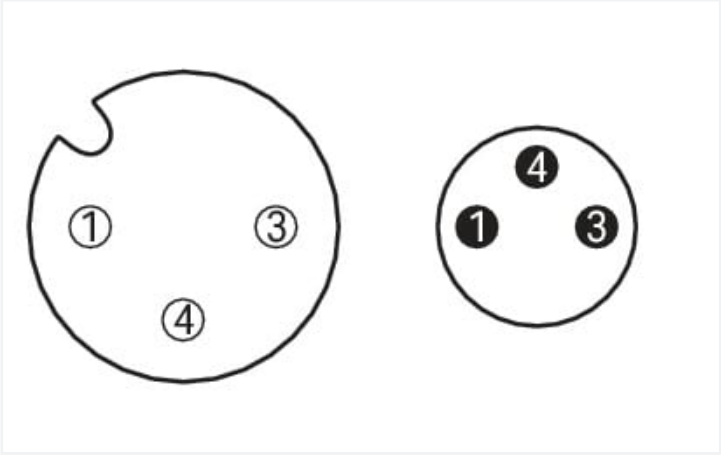
Data Sheet | Item Number: 756-5503/030-020

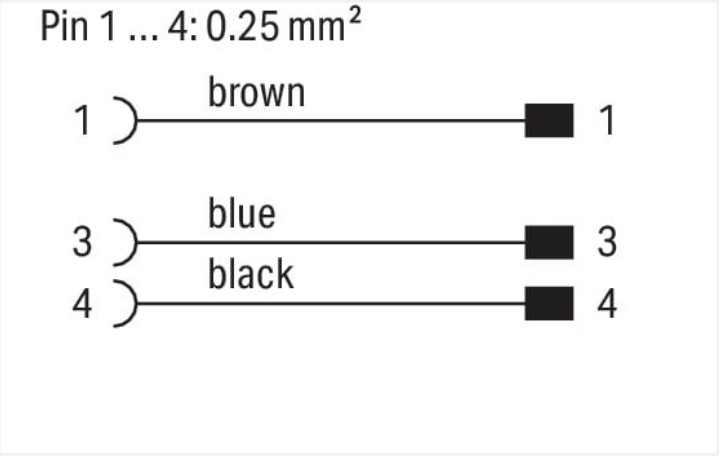
Sensor/Actuator cable; M12A socket; angled; M8 plug; straight; 3-pole; Length: 2 m

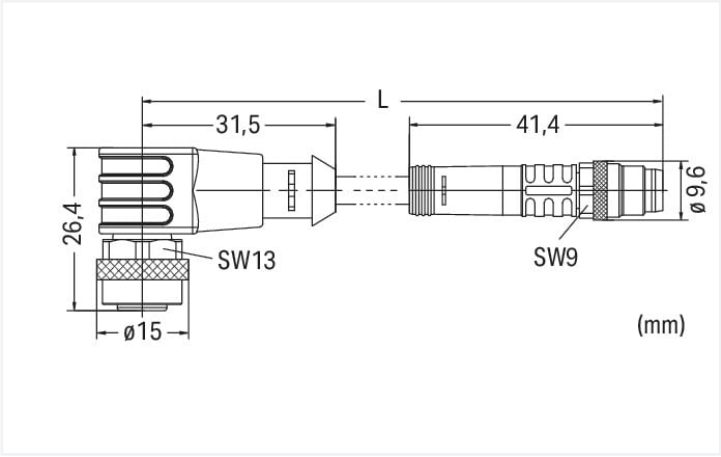
https://www.wago.com/756-5503/030-020





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 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

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	3.9 … 4.3 mm

Connector

Connection type	M12 Socket - M8 plug
Pole number	3
Cable connection direction to mating direction	90 °
Cable connection direction to mating direction (2)	0 °
Connector interface coding (cable/adapter) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	0.6 … 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	4044918974813
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)	e3186a6c-d730-46cf-96ab-51565c2b0161
SCIP notification number (Belgium)	a7892096-5436-4bc5-829d-2b7d3f9527a6
SCIP notification number (Bulgaria)	b643b92b-5c7f-4e6b-88c5-c9305fbd9038
SCIP notification number (Czech Republic)	f500bb26-ab46-4f23-bd30-bc9e0fd92ae7
SCIP notification number (Denmark)	28174e79-96b5-40da-b8b1-d728af5c146a
SCIP notification number (Finland)	e1cf483c-cb20-468c-a7d9-c5bf67efc10e
SCIP notification number (France)	6fea6e66-8ab4-474b-9665-89c884829c9b
SCIP notification number (Germany)	ab8fed9c-10e9-426b-961b-06e8b288423b
SCIP notification number (Hungary)	fdb9d5b3-fd0f-460c-adee-953610a14344
SCIP notification number (Italy)	79b2982c-8664-4089-9fa8-1848ee6ffb63
SCIP notification number (Netherlands)	f985570c-e5b2-453d-ac46-04ef847ffee8
SCIP notification number (Poland)	10d7f03f-42ef-498c-b2d8-a6210d400d64
SCIP notification number (Romania)	19fbacaa-a724-42c1-9dc6-4cb3550bece6
SCIP notification number (Sweden)	1d4a43d0-f69a-4bcb-a4a4-b610605ebc2b

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-5503/030-020

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5503/030-020	19.02.2019	xml 3.21 KB
756-5503/030-020	20.09.2017	doc 26.00 KB

CAD/CAE-Data

CAE data

WSCAD Universe 756-5503/030-020