

Data Sheet | Item Number: 756-1406/060-050

CANopen/DeviceNet cable; M12A socket; angled; M12A plug; angled; 5-pole; Length: 5 m

<https://www.wago.com/756-1406/060-050>



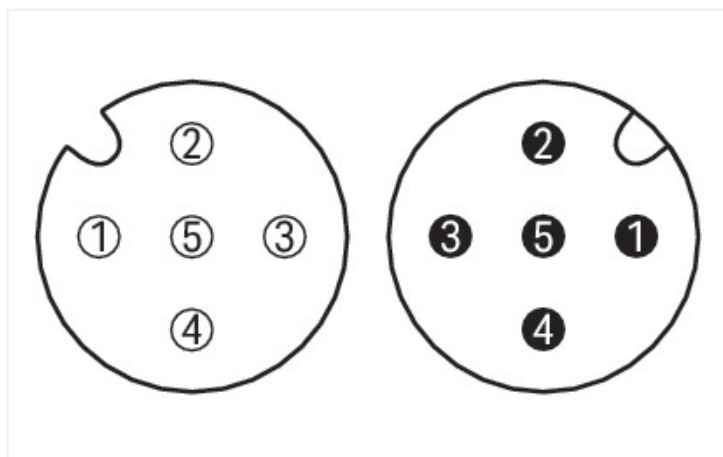
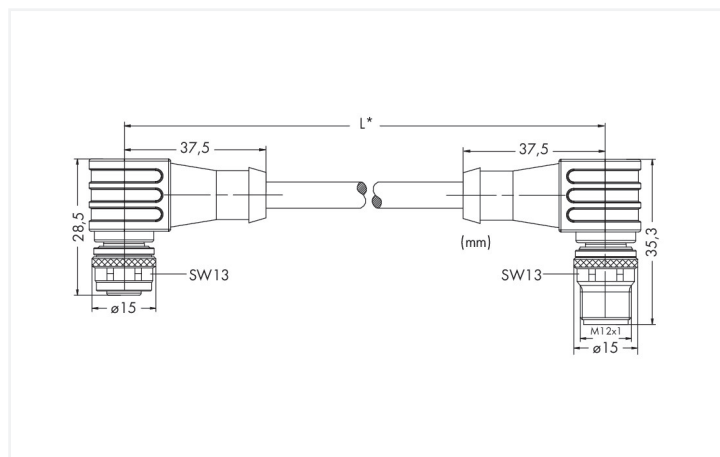
Color: ■ violet

Similar to illustration

Pin 2, 3: 0,38 mm²; Pin 4, 5: 0,67 mm²

Diagram illustrating a 5x1 grid of colored squares. The grid is labeled with numbers 1 to 5 on the left and right sides. The colors are listed in the center: Schirm, rot, schwarz, weiss, and blau. A dashed box highlights the top two rows (1 and 2).

1	Schirm	1
2	rot	2
3	schwarz	3
4	weiss	4
5	blau	5



Dimensions in mm

Short description:

- PUR VT, 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		
Connection type	M12 Socket - M12 plug	
Pole number	5	
Cable connection direction to mating direction	90 °	
Cable connection direction to mating direction (2)	90 °	
Connector interface coding (cable/adaptor) 1 1	A-coded	
Connector interface coding (cable/adaptor) 2 1	A-coded	
Cable length	5 m	
Communication/fieldbus	CANopen	
Communication/fieldbus (2)	DeviceNet	
Operating voltage	≤ 300 V	
Operating current	4 A	
Rated impulse withstand voltage	2 kV	
Contact resistance	10 mΩ	
Insulation resistance	≥ 2 x 10 ⁸ Ω/km	
Conductor resistance	≤ 57 Ω/km (22 AWG) + ≤ 79 Ω/km (24 AWG)	

Mechanical data		
Bending radius	5 x cable diameter (min.)	
Bending cycles	5 million	
Drag chain capability	Yes	
Type code	L-02YC11Y 2xAWG24 + 2xAWG22/1.4-120 VI FRNC, shielded	
Shield	Tinned copper braid, optical coverage approx. 85 %	
Conductor configuration	Bare copper wire (19 x 0.125 mm)	
Conductor insulation	Halogen-free PE	
Housing material	TPU/TPU, black (~ RAL 9005)	
Tightening torque	1 Nm	
Weight	10 g	
Color	violet	

Environmental requirements		
Ambient (operating) temperature (dynamic)	-40 ... +80 °C	
Ambient (operating) temperature (static)	-40 ... +80 °C	
Protection type	IP67	
Pollution degree	3/2 per IEC 60664-1	

Commercial data		
PU (SPU)	1 pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4045454641016	
Customs tariff number	85444290900	



Product Classification		
UNSPSC		26121604
eCl@ss 10.0		27-06-18-01
eCl@ss 9.0		27-06-18-01
ETIM 9.0		EC002599
ETIM 10.0		EC002599
ECCN		NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 756-1406/060-050	

Documentation

System Description		
I/O-SYSTEM – SPEED- WAY, General Product In- formation	pdf 1035.20 KB	

CAD/CAE-Data

CAE data	
WSCAD Universe 756-1406/060-050	

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com