Data sheet | Item number: 756-1505/060-100

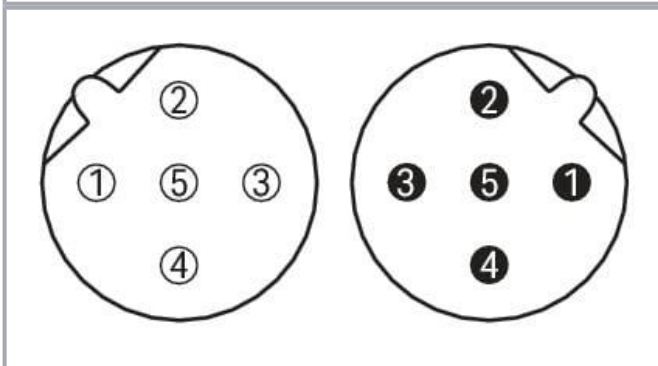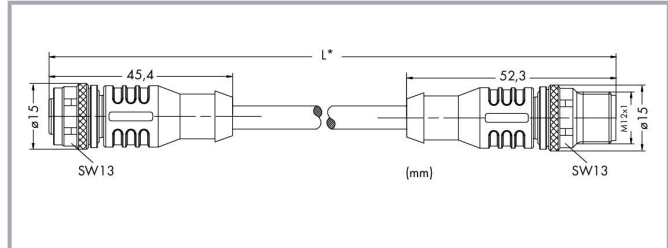System bus cable for drag chain; M12B socket; straight; M12B plug; straight;
5-pole; Length: 10 m

WAGO

www.wago.com/756-1505/060-100

Color: ▬

Pin 1 ... 5: 0,14 mm²

1	rot	1
2	schwarz	2
3	blau	3
4	braun	4
5	gelb, grün, orange, grau	5

Schirm

Item description

Short description:

- PUR, halogen-free
- Suitable for drag chains
- Silicon- and CFC-free
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation High chemical resistance

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Data
Technical data

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	B-coded
Connector interface coding (cable/adapter) 2 1	B-coded
Cable length	10 m
PLC manufacturer	WAGO
Operating voltage	60 V
Operating current	4 A
Rated surge voltage	1.5 kV per IEC 61076-2-101
Contact resistance	10 mΩ
Insulation resistance	5000 MΩ
Conductor resistance	≤ 130 Ω/km

Mechanical Data

Bending radius	5 x cable diameter (min.)
Bending cycles	5 Mio.
Drag chain capability	yes
Sheathed cable diameter	6.8 mm
Type code	KS-6Y3GC11Y 4x2xAWG26/19 shielded
Shield	Tinned copper braid, optical coverage approx. 90 %
Conductor configuration	Bare copper wire (AWG 26/19)
Conductor insulation	FEP; Core Ø: 1.0 mm (max.)
Housing material	TPU/TPU, black (~ RAL 9005)
Contact material	CuZn
Contact plating	CuNi/Au
Material properties of the connections	Hexagon knurled nut: CuZn; Knurled nut surface: nickel-plated; Sealing ring: FPM (Viton)
Mating cycles (max.)	100
Tightening torque	1 Nm
Weight	10 g
Color	yellow

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

Environmental requirements

Ambient (operating) temperature (dynamic)	0 … +50 °C
Ambient (operating) temperature (static)	-30 … +50 °C
Protection type	IP67
Pollution degree	3/2 per IEC 60664-1

Commercial data

eCl@ss 10.0	27-06-18-01
eCl@ss 9.0	27-06-18-01
ETIM 8.0	EC000237
ETIM 7.0	EC003249
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821130888
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)	ec7fd174-b55c-44ae-a0c1-2aae2501b9bb
SCIP notification number (Belgium)	dd9d96ba-5155-4d56-8783-2bf3bf828744
SCIP notification number (Bulgaria)	e4d6ecea-db27-4fc8-b618-92fe78c2df6a
SCIP notification number (Czech Republic)	dcac5e0b-2095-4cd2-b2b8-cf71da24adcc
SCIP notification number (Denmark)	9d41329a-178b-47a3-9400-38202072ffd6
SCIP notification number (Finland)	4eb8325f-0a09-46ff-b028-aa15e732fa8d
SCIP notification number (France)	56d6fdcb-d1f7-4015-a54e-7391dec7051c
SCIP notification number (Germany)	149e0ca1-8395-461a-ab93-3c729c0a03e2
SCIP notification number (Hungary)	7ad72c7b-6362-4145-9b76-de3f4e7d503f
SCIP notification number (Italy)	6eafcc63-0439-4f70-b221-24a7ab36bdd0
SCIP notification number (Netherlands)	7523f2af-97f0-46a7-ba82-6d3ef036fc79
SCIP notification number (Poland)	9846ed3d-5e55-44d1-b1d2-86d6f09d1e6c
SCIP notification number (Romania)	941630a8-2b72-4e28-b011-c1e106d19e9b
SCIP notification number (Sweden)	03c8c99a-7b7a-4de1-a43c-1943f367ce35

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

Downloads
Documentation

System Description

I/O-SYSTEM – SPEEDWAY, General Product Information	pdf 1.1 MB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 756-1505/060-100	URL	Download
WSCAD Universe 756-1505/060-100	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 756-1505/060-100 System bus cable for drag chain; M12B socket; straight; M12B plug; straight; 5-pole; Length: 10 m	URL	Download

Installation Notes

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