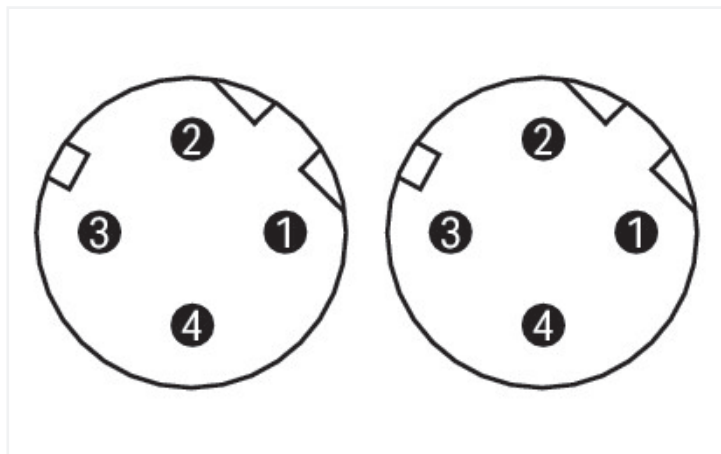


Data Sheet | Item Number: 756-1603/060-050
 sercos cable; M12D plug; straight; M12D plug; straight; 4-pole;
 Length: 5 m

DISCONTINUED:
 01.05.2024

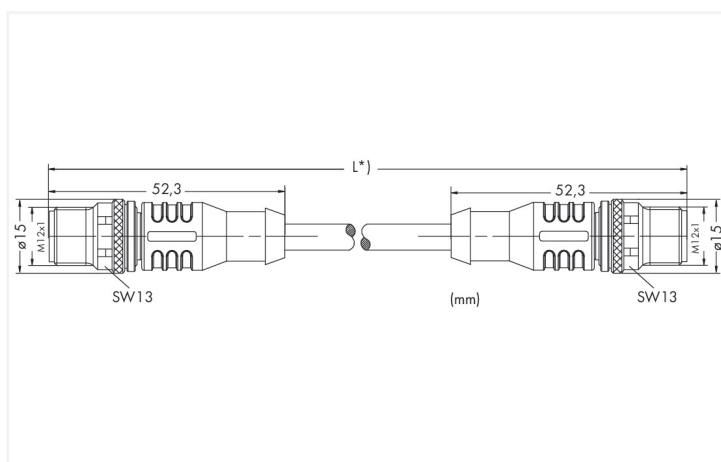
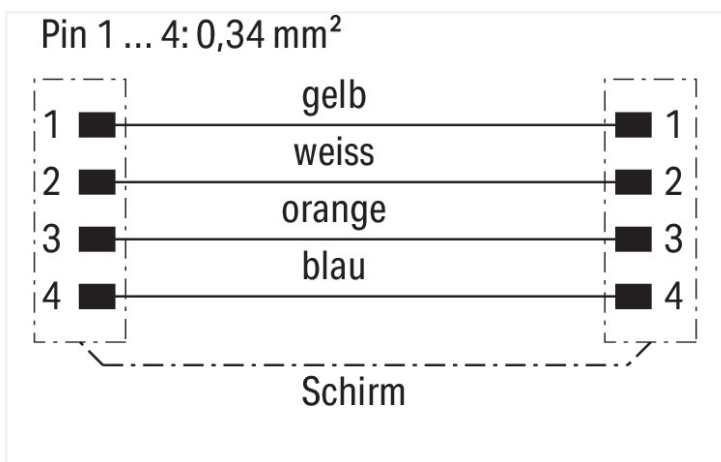


<https://www.wago.com/756-1603/060-050>



Color: ■ red

Similar to illustration



Short description:

- PUR RD, halogen-free
- CAT 5e ES
- Suitable for drag chains
- Silicon- and CFC-free
- High resistance to microbes, hydrolysis, oil, ozone, chemicals and UV radiation
- Cable used: UL listed

Technical data

Connection type	M12 plug - M12 plug
Pole number	4
Cable connection direction to mating direction	0°
Cable connection direction to mating direction (2)	0°
Connector interface coding (cable/adaptor) 1 1	D-coded
Connector interface coding (cable/adaptor) 2 1	D-coded
Cable length	5 m
Communication/fieldbus	sercos
Operating voltage	250 V
Operating current	4 A
Rated surge voltage	2 kV
Contact resistance	10 mΩ
Insulation resistance	≥ 5 x 10 ⁸ Ω/km
Conductor resistance	< 57 Ω/km

Mechanical data

Bending radius	Single: 4 x cable diameter (min.); Multiple: 8 x cable diameter (min.)
Bending cycles	3 million
Drag chain capability	Yes
Sheathed cable diameter	6.3 ... 6.7 mm
Type code	02YH(ST)C11Y 2x2x0.75/1.5-100 LI RT VZN FRNC, shielded
Shield	Overlapped aluminum-laminated foil and tinned copper braid, optical coverage approx. 85 %
Conductor configuration	Bare copper wire (7 x 0.25 mm)
Conductor insulation	Halogen-free PE
Housing material	TPU/TPU, black (~ RAL 9005)
Tightening torque	1 Nm
Weight	330 g
Color	red

Environmental requirements

Ambient (operating) temperature (dynamic)	-40 ... +70 °C
Ambient (operating) temperature (static)	-40 ... +70 °C
Protection type	IP67
Pollution degree	3/2 per IEC 60664-1
Fire load	0 MJ

Commercial data

eCl@ss 10.0	27-06-18-01
eCl@ss 9.0	27-06-18-01
ETIM 8.0	EC002599
ETIM 7.0	EC003249
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821591320
Customs tariff number	85444290900
End of Sale	2024-05-01
End of Production	2024-05-15
End of Delivery	2024-06-01
End of Service and Repair	2025-06-01

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 1863	E345416

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
756-1603/060-050



Documentation

System Description

I/O-SYSTEM – SPEED-
WAY, General Product
Information

pdf
1035.20 KB



CAD/CAE-Data

CAE data

WSCAD Universe
756-1603/060-050

