



Pin 1 ... 5: 0,14 mm<sup>2</sup>

1	weiß-blau	1
2	blau	2
3	weiß-orange	3
4	orange	4
5	weiß-grün, grün, weiß-braun, braun	5

Schirm

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

## Item description

### Short description:

- PUR, halogen-free
- Silicon- and CFC-free
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- High chemical resistance
- Cable used: UL listed

## Data

### Technical data

Connection type	M12 socket - free end
Pole number	5
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adapter) 1 1	B-coded
Cable length	20 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	≤ 145 Ω/km

### Mechanical Data

Bending radius	5 x cable diameter (min.)
Sheathed cable diameter	6 mm
Type code	KS-02YS(ST+C)11Y 4x2xAWG26/7-100 Ω, shielded
Shield	Aluminum-laminated foil and tinned copper braid, optical coverage approx. 65 %
Conductor configuration	Bare copper wire (26/7 AWG)
Conductor insulation	Zell-PE; 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

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

Tightening torque	1 Nm
Weight	770 g
Color	yellow

### Environmental requirements

Ambient temperature (operation)	-25 ... +60 °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	4045454791209
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)	82704a19-87f5-4e4c-a797-c57e4977d23c
SCIP notification number (Belgium)	a7c9ed46-dd50-4d69-9e2f-d99fc02efb79
SCIP notification number (Bulgaria)	8522fca1-0581-43e5-a310-2688e9f7cee4
SCIP notification number (Czech Republic)	9f262ccf-4709-4ab6-95b1-1f9adaf27c23
SCIP notification number (Denmark)	ec38e189-fba1-4872-854d-92c5214d519a
SCIP notification number (Finland)	40fd73dc-8270-481c-9b48-ff4cef8ec82a
SCIP notification number (France)	0effe2d9-4505-4667-a3aa-2bd677ee5e55
SCIP notification number (Germany)	b198652d-f39a-4357-ac88-ea5ab350aed9
SCIP notification number (Hungary)	97d3b641-2c02-4c0a-8319-d721189eecc5
SCIP notification number (Italy)	b0f00cb2-c718-465a-b3aa-cfc61e6640d7
SCIP notification number (Netherlands)	04b32c4f-a3fc-42c1-a0dc-e2d406738439
SCIP notification number (Poland)	786ef107-7aa8-4f08-9dae-89e894de5729

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SCIP notification number (Romania)	cabfb46b-fdd5-4986-a4b2-ebd164f446c7
SCIP notification number (Sweden)	1f7a595d-a879-43a4-95eb-efcdd646eb67

## Downloads

### Documentation

#### System Description

I/O-SYSTEM – SPEEDWAY, General Product Information	pdf 1.1 MB	<a href="#">Download</a>
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## CAD/CAE-Data

### CAE data

WSCAD Universe 756-1302/060-200	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 756-1302/060-200	<a href="#">URL</a>	<a href="#">Download</a>

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 756-1302/060-200	<a href="#">URL</a>	<a href="#">Download</a>
System bus cable; M12B socket; angled; 5-pole; Length: 20 m		

## Installation Notes

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