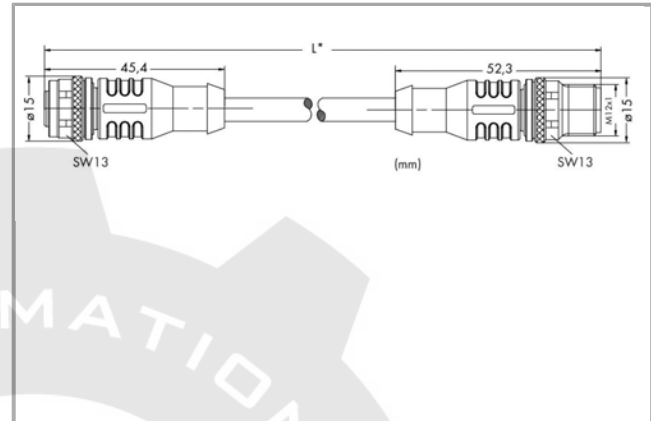


## Data sheet | Item number: 756-1505/060-020

System bus/trailing cable, straight; 2 m; fitted on both ends; B-coded; M12  
socket, straight; M12 plug, straight



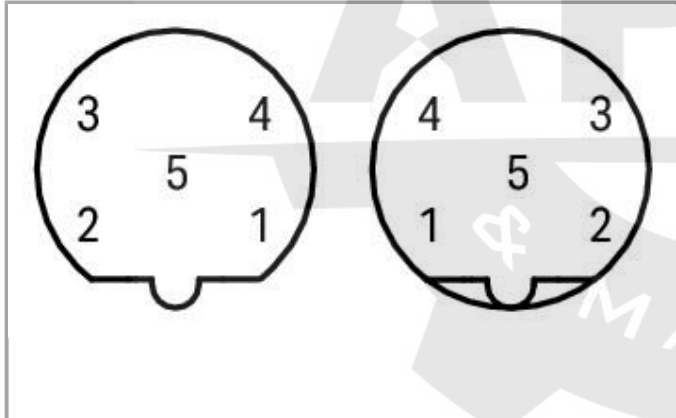
756-1505/060-020



RoHS  
Compliant

BOMcheck.net

Color: ■



| Pin 1 ... 5: 0,14 mm <sup>2</sup> |                          |  |   |   |
|-----------------------------------|--------------------------|--|---|---|
| 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
- Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation. Good chemical resistance.

## Data

## Technical Data

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| Connection type                                 | M12 socket - M12 plug        |
| No. of poles                                    | 5                            |
| Leitungsanschlussrichtung zur Steckrichtung     | 0°                           |
| Leitungsanschlussrichtung zur Steckrichtung (2) | 0°                           |
| Steckgesichtskodierung Leitung/Adapter 1 1      | B coded                      |
| Steckgesichtskodierung Leitung/Adapter 2 1      | B coded                      |
| Cable length                                    | 2 m                          |
| Operating voltage                               | 60 V                         |
| Operating current                               | 4 A                          |
| Rated surge voltage                             | 1,5 kV gemäß IEC 61076-2-101 |
| Contact resistance                              | 10 MΩ                        |
| Insulation resistance                           | 5000 MΩ                      |
| Resistance of conductor                         | ≤ 130 Ω/km                   |

## Mechanical data

|                                      |                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------|
| bending radius                       | min. 5 x cable Ø                                                                            |
| Bending cycles                       | 5 Mio.                                                                                      |
| Schleppkettentauglichkeit            | yes                                                                                         |
| Durchmesser der Mantelleitung        | 6.8 mm                                                                                      |
| Bauartkurzzeichen                    | KS-6Y3GC11Y 4x2xAWG26/19 geschirmt                                                          |
| Screening                            | tinned copper braid, optical coverage approx. 90 %                                          |
| Conductor design                     | Bare copper wire, 26/19 AWG                                                                 |
| Leiterisolierung                     | FEP, Ader-Ø max. 1,0 mm                                                                     |
| Housing material                     | TPU/TPU, black (~ RAL 9005)                                                                 |
| Contact material                     | CuZn                                                                                        |
| Contact plating                      | CuNi/Au                                                                                     |
| Materialeigenschaften der Anschlüsse | Hexagon knurled nut: CuZn; Knurled nut surface: nickel-plated;<br>Sealing ring: FPM (Viton) |
| Mating cycles                        | 100                                                                                         |
| Tightening torque                    | 1 Nm                                                                                        |
| Weight                               | 9.999 g                                                                                     |
| Color                                | yellow                                                                                      |

## Environmental Requirements

|                                      |                |
|--------------------------------------|----------------|
| Umgebungstemperatur (Betrieb) bewegt | 0 ... +50 °C   |
| Umgebungstemperatur (Betrieb) ruhend | -30 ... +50 °C |
| Protection class                     | IP67           |



|                         |                     |
|-------------------------|---------------------|
| Degree of pollution (5) | 3/2 per IEC 60664-1 |
|-------------------------|---------------------|

Commercial data

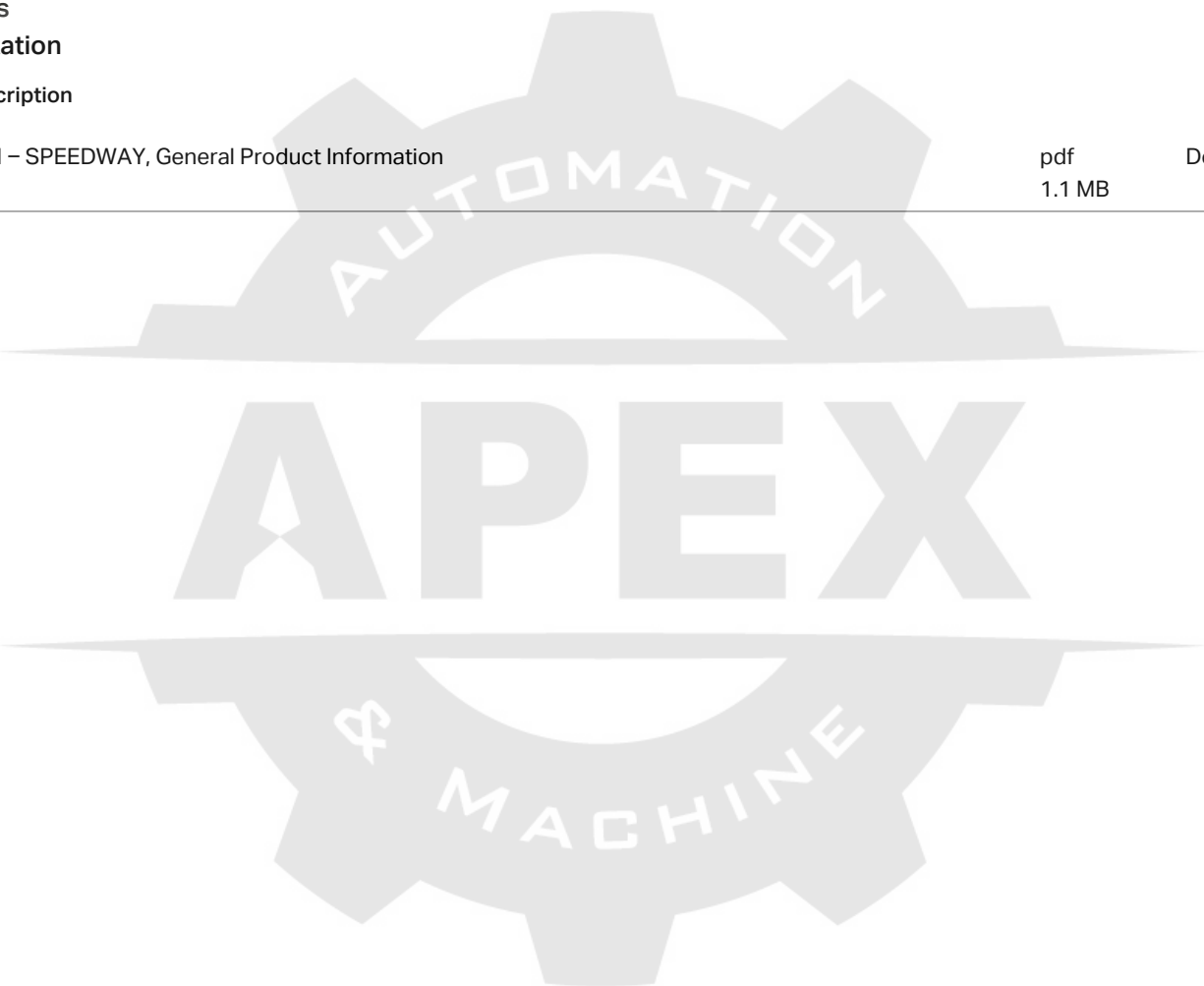
|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4050821130901 |
| Customs Tariff No. | 85444290900   |

Downloads

Documentation

System Description

|                                                    |               |          |
|----------------------------------------------------|---------------|----------|
| I/O-SYSTEM – SPEEDWAY, General Product Information | pdf<br>1.1 MB | Download |
|----------------------------------------------------|---------------|----------|



Subject to changes.