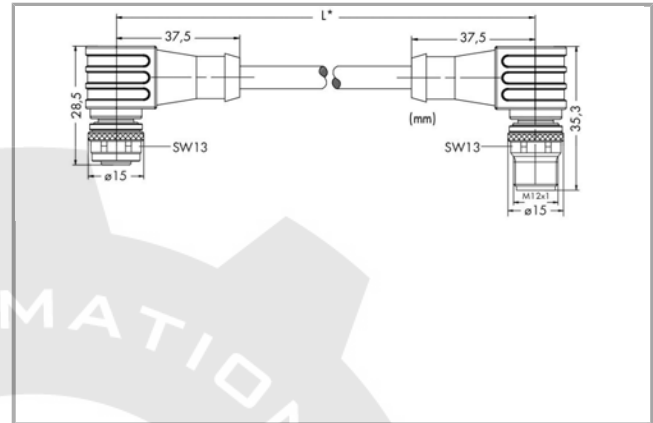


## Data sheet | Item number: 756-1306/060-100

System bus cable, angled; 10 m; fitted on both ends; B-coded; M12 socket, angled; M12 plug, angled



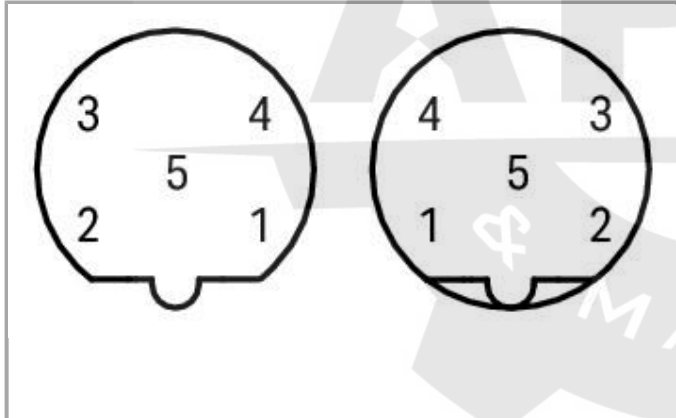
756-1306/060-100



RoHS  
Compliant

BOMcheck.net

Color: ■



| 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,<br>weiß-braun, braun | ■ | 5 |  |
| Schirm                            |                                       |   |   |  |

### Item description

#### Short description:

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

## Data

## Technical Data

|                                                  |                              |
|--------------------------------------------------|------------------------------|
| Connection type                                  | M12 socket - M12 plug        |
| No. of poles                                     | 5                            |
| Leistungsanschlussrichtung zur Steckrichtung     | 90°                          |
| Leistungsanschlussrichtung zur Steckrichtung (2) | 90°                          |
| Steckgesichtskodierung Leitung/Adapter 1 1       | B coded                      |
| Steckgesichtskodierung Leitung/Adapter 2 1       | B coded                      |
| Cable length                                     | 10 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                          | ≤ 145 Ω/km                   |

## Mechanical data

|                                      |                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------|
| bending radius                       | min. 5 x cable Ø                                                                         |
| Durchmesser der Mantelleitung        | 6 mm                                                                                     |
| Bauartkurzzeichen                    | KS-02YS(ST+C)11Y 4x2xAWG26/7-100 Ω, geschirmt                                            |
| Screening                            | Aluminum-laminated foil and tinned copper braid, optical coverage approx. 65 %           |
| Conductor design                     | Bare copper wire, 26/7 AWG                                                               |
| Leiterisolierung                     | Zell-PE, 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; Sealing ring: FPM (Viton) |
| Mating cycles                        | 100                                                                                      |
| Tightening torque                    | 1 Nm                                                                                     |
| Weight                               | 412 g                                                                                    |
| Color                                | yellow                                                                                   |

## Environmental Requirements

|                                         |                     |
|-----------------------------------------|---------------------|
| Surrounding air (operating) temperature | -25 ... 60 °C       |
| Protection class                        | IP67                |
| Degree of pollution (5)                 | 3/2 per IEC 60664-1 |

## Commercial data

|                   |    |
|-------------------|----|
| Country of origin | DE |
|-------------------|----|



|                    |               |
|--------------------|---------------|
| GTIN               | 4045454126865 |
| Customs Tariff No. | 85444290900   |

Downloads  
Documentation

System Description

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



Subject to changes.