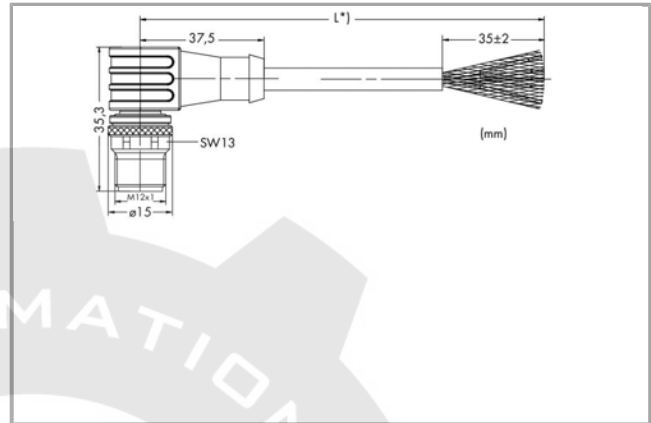


**Data sheet | Item number: 756-1602/060-020**

sercos cable, angled; 2 m; fitted on one end; D-coded; M12 socket, angled;  
one free cable end

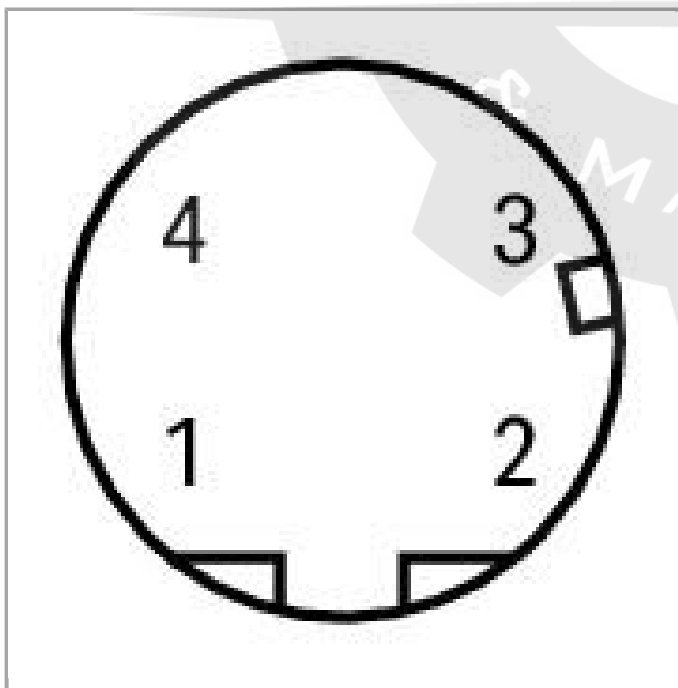


756-1602/060-020



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)



| Pin 1 ... 4: 0,34 mm <sup>2</sup> |   |        |     |
|-----------------------------------|---|--------|-----|
| 1                                 | ■ | gelb   | ■ 1 |
| 2                                 | ■ | weiss  | ■ 2 |
| 3                                 | ■ | orange | ■ 3 |
| 4                                 | ■ | blau   | ■ 4 |
| Schirm                            |   |        |     |

Item description

**Short description:**

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

**Data****Technical Data**

|                                             |                                       |
|---------------------------------------------|---------------------------------------|
| Connection type                             | M12 plug - free end                   |
| No. of poles                                | 4                                     |
| Leitungsanschlussrichtung zur Steckrichtung | 90°                                   |
| Steckgesichtskodierung Leitung/Adapter 1 1  | D coded                               |
| Cable length                                | 2 m                                   |
| Communication/Fieldbus                      | sercos                                |
| Operating voltage                           | 250 V                                 |
| Operating current                           | 4 A                                   |
| Rated surge voltage                         | 2 kV                                  |
| Contact resistance                          | 10 MΩ                                 |
| Insulation resistance                       | $\geq 5 \times 10^8 \Omega/\text{km}$ |
| Resistance of conductor                     | < 57 Ω/km                             |

**Mechanical data**

|                               |                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------------------|
| bending radius                | single: min. 4 x cable Ø; multiple: min. 8 x cable Ø                                      |
| Bending cycles                | 3 Mio.                                                                                    |
| Schleppkettentauglichkeit     | yes                                                                                       |
| Durchmesser der Mantelleitung | 6.3 ... 6.7 mm                                                                            |
| Bauartkurzzeichen             | 02YH(ST)C11Y 2x2x0,75/1.5-100 LI RT VZN FRNC, geschirmt                                   |
| Screening                     | Overlapped aluminum-laminated foil and tinned copper braid, optical coverage approx. 85 % |
| Conductor design              | Bare copper wire (7 x 0.25 mm)                                                            |
| Leiterisolierung              | PE halogenfrei                                                                            |
| Housing material              | TPU/TPU, black (~ RAL 9005)                                                               |
| Tightening torque             | 1 Nm                                                                                      |
| Weight                        | 160 g                                                                                     |

**Environmental Requirements**

|                                      |                |
|--------------------------------------|----------------|
| Umgebungstemperatur (Betrieb) bewegt | -40 ... +70 °C |
|--------------------------------------|----------------|



|                                      |                     |
|--------------------------------------|---------------------|
| Umgebungstemperatur (Betrieb) ruhend | -40 ... +70 °C      |
| Protection class                     | IP67                |
| Degree of pollution (5)              | 3/2 per IEC 60664-1 |

**Commercial data**

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4050821591467 |
| Customs Tariff No. | 85444290900   |

**Downloads****Documentation****System Description**

I/O-SYSTEM – SPEEDWAY, General Product Information

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Subject to changes.