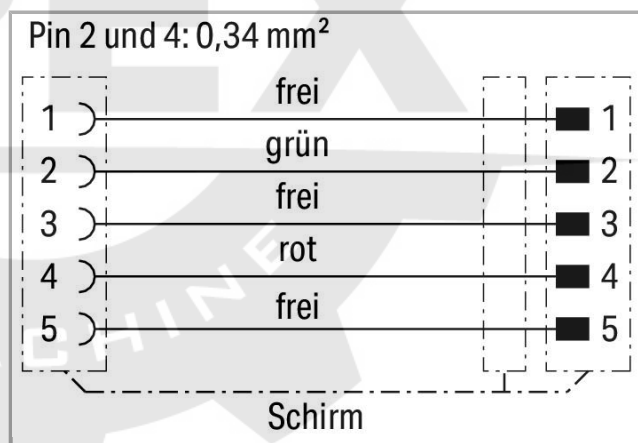
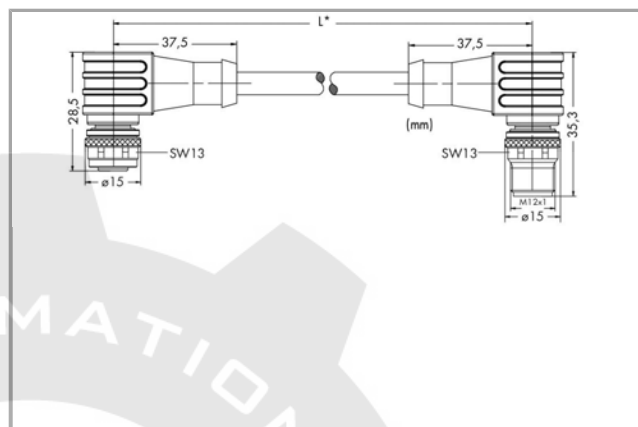


756-1106/060-020



**Short description:**

- PUR, halogen-free
- Suitable for drag chains
- Silicon- and PVC-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     | 90°                                              |
| Leitungsanschlussrichtung zur Steckrichtung (2) | 90°                                              |
| Steckgesichtskodierung Leitung/Adapter 1 1      | B coded                                          |
| Steckgesichtskodierung Leitung/Adapter 2 1      | B coded                                          |
| Cable length                                    | 2 m                                              |
| Communication/Fieldbus                          | PROFIBUS                                         |
| Operating voltage                               | ≤ 300 V                                          |
| Operating current                               | 4 A                                              |
| Rated surge voltage                             | 2 kV                                             |
| Insulation resistance                           | > 2500 MΩ/km                                     |
| Resistance of conductor                         | max. 55 Ω/km; Schleifenwiderstand: max. 110 Ω/km |

## Mechanical data

|                               |                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------|
| bending radius                | > 10 x cable Ø (flexible use); > 5 x cable Ø in drag chain (fixed installation) |
| Bending cycles                | 1 Mio.                                                                          |
| Schleppkettentauglichkeit     | yes                                                                             |
| Durchmesser der Mantelleitung | 7.3 ... 7.9 mm                                                                  |
| Bauartkurzzeichen             | LI02YS-(ST)CB11Y 1X(2X0,34SQMM)                                                 |
| Screening                     | Shielding braid, (approx. 5.90 mm Ø), tinned CU-ETP1, coverage 85 % ± 5 %       |
| Conductor design              | Bare copper wire (19 x 0.15 mm)                                                 |
| Leiterisolierung              | PE halogenfrei; Füllstoff: PP-Garn                                              |
| Housing material              | TPU/TPU, black (~ RAL 9005)                                                     |
| Tightening torque             | 1 Nm                                                                            |
| Weight                        | 185 g                                                                           |
| Color                         | violet                                                                          |

## Environmental Requirements

|                                      |                     |
|--------------------------------------|---------------------|
| Umgebungstemperatur (Betrieb) bewegt | -25 ... +60 °C      |
| Umgebungstemperatur (Betrieb) ruhend | -50 ... +60 °C      |
| Protection class                     | IP67                |
| Degree of pollution (5)              | 3/2 per IEC 60664-1 |

## Commercial data

|                   |               |
|-------------------|---------------|
| Country of origin | DE            |
| GTIN              | 4045454521714 |



|                    |             |
|--------------------|-------------|
| Customs Tariff No. | 85444290900 |
|--------------------|-------------|

Downloads  
Documentation  
System Description

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