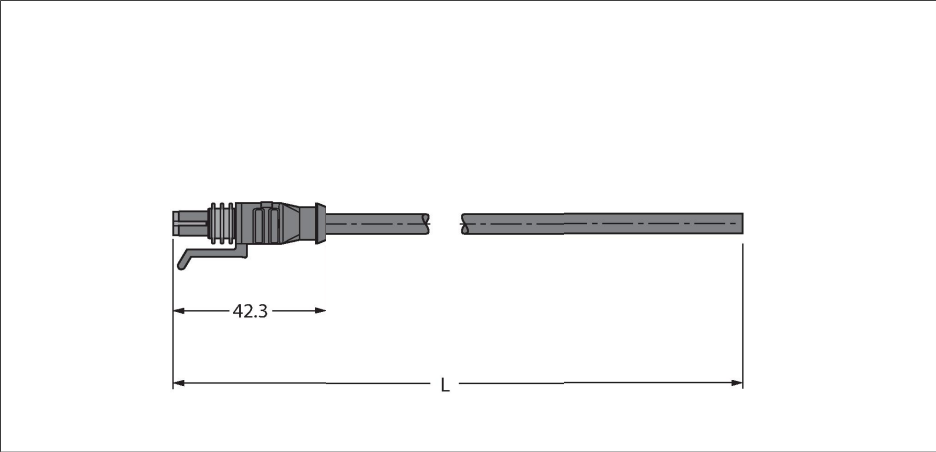


# TSS-2S-A-5/TXL

## Superseal Connector – Connection Cable



### Technical data

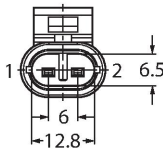
|                                          |                             |
|------------------------------------------|-----------------------------|
| Type                                     | TSS-2S-A-5/TXL              |
| ID                                       | 100000481                   |
| Connector A                              | Female, Superseal, Straight |
| Number of pins                           | 2                           |
| Contacts                                 | Bronze, CuSn, Tinned        |
| Contact carriers                         | Plastic, PA 6.6 GF, Red     |
| Connector body                           | Plastic, TPU, UL 94, Black  |
| Seal                                     | Plastic, Silicone           |
| Mechanical lifespan                      | > 100 Mating cycles         |
| Protection class                         | IP67, IP69K, (plugged)      |
| Cable                                    |                             |
| Cable diameter                           | Ø 5 mm ±0.15                |
| Cable length                             | 5 m                         |
| Cable jacket                             | PUR, Black                  |
| Core insulation                          | PP                          |
| Core cross-section                       | 2 x 0.75 mm²                |
| Arrangement of strands                   | 42 x 0.15 mm                |
| Core colors                              | BN, BU                      |
| Electrical properties at +20 °C          |                             |
| Rated voltage                            | 24 V                        |
| Current                                  | 8 A                         |
| Mechanical and chemical properties       |                             |
| Bending radius (stationary installation) | ≥ 5 x Ø                     |
| Bending radius (flexible use)            | ≥ 10 x Ø                    |
| Bending cycles                           | ≥ 4 million                 |
| Admissible acceleration                  | max. 10 m/s²                |
| Admissible traversing speed              | 3.33 m/s                    |

### Features

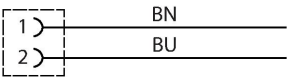


- Superseal connector, female, straight, 2-pin
- Jacket material: TPE-U (PUR)
- Jacket color: black, similar to RAL 7021
- Suitable for drag chain use
- Flame retardant
- Halogen free acc. to DIN VDE 0472 part 815
- RoHS compliant
- Protection classes IP67 and IP69K
- Cable length: 5.0 m

### Contact assignment



### Circuit Diagram



## Technical data

|                              |              |
|------------------------------|--------------|
| Ambient temperature (fixed)  | -40...+80 °C |
| Ambient temperature (mobile) | -25...+80 °C |