

**Technical data :**

|                           |             |
|---------------------------|-------------|
| Rated voltage             | 48 V AC/DC  |
| Rated current             | 2 A         |
| Insulation resistance     | > 1000 MΩ   |
| Ambient temperature range | -25...70 °C |

**Protection :**

|                   |      |
|-------------------|------|
| Protection degree | IP65 |
|-------------------|------|

**M8 straight male connector :**

|                            |  |
|----------------------------|--|
| Locking nut/screw material | CuZn, nickel-plated                          |
| Overmoulding material      | TPU, self-extinguishing                      |
| Contact diameter           | Ø1 mm  |
| Contact material           | CuZn, pre-plated with nickel and gold-plated |
| Contact resistance         | < 5 mΩ                                       |

**M8 straight female connector :**

|                                       |  |
|---------------------------------------|--|
| Locking nut/screw material            | CuZn, nickel-plated                          |
| Spot welding splash protection sleeve |  |
| Overmoulding material                 | TPU, self-extinguishing                      |
| Contact diameter                      | Ø1 mm  |
| Contact material                      | CuZn, pre-plated with nickel and gold-plated |
| Contact resistance                    | < 5 mΩ                                       |

**Cable characteristics :**

|                               |                              |
|-------------------------------|------------------------------|
| Sheath material               | PVC                          |
| Wire structure                | 3 x 0,25 mm <sup>2</sup>     |
| Conductor class               | 5                            |
| Sheath diameter               | 3,7 mm                       |
| Flame resistance according to | IEC 60332-1 (VDE 0472-804/B) |

**Cable protection characteristics :**

|  |                      |
|--|----------------------|
| Silicone rubber on fiberglass braided sleeving |                      |
| Max. contact temperature                       | +250°C (peak +290°C) |

**Cable length :**

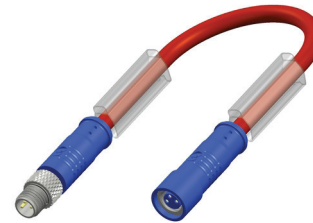
|              |            |
|--------------|------------|
| L length     | 0,7 m      |
| Other length | On request |

**Accessories (included) :**

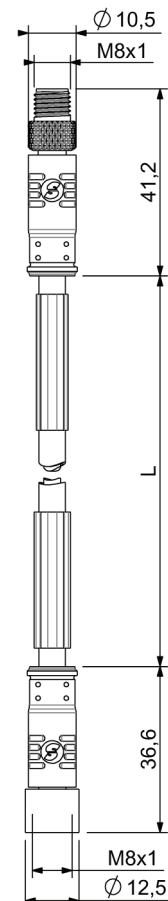
2 label holders

## T8V/3MLL0075TS

Welding environment



**Dimensions :**



**Wiring diagram :**

