

### Technical data :

|                           |            |
|---------------------------|------------|
| Rated voltage             | 48 V AC/DC |
| Rated current             | 4 A        |
| Insulation resistance     | > 1000 MΩ  |
| Ambient temperature range | -25...70°C |

### Protection :

|                   |      |
|-------------------|------|
| Protection degree | IP67 |
|-------------------|------|

### M12 straight male connector :

|                            |                                              |
|----------------------------|----------------------------------------------|
| Locking nut/screw material | Zamak, 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                                       |

### M12 straight female connector :

|                            |                                              |
|----------------------------|----------------------------------------------|
| Locking nut/screw material | Zamak, 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                                       |

### Cable characteristics :

|                                                |                          |
|------------------------------------------------|--------------------------|
| Sheath material                                | Halogen free PUR         |
| Wire structure                                 | 4 x 0,34 mm <sup>2</sup> |
| Conductor class                                | 6                        |
| Sheath diameter                                | 5,3 mm                   |
| Cable construction according to                | UL-AWM Style 20549/10493 |
| Halogen free cable according to                | DIN VDE 0472 Part 815    |
| Cable silicone free and LABS free according to | PV 3.10.7                |
| Flame resistance according to                  | UL FT2                   |
| Oil resistance according to                    | UL 758                   |
| Admissible torsion                             | +/- 360 °/ m             |
| Drag chain suitable                            |                          |
| Minimum static bending radius :                | 5 x Ø                    |
| Minimum dynamic bending radius :               | 10 x Ø                   |
| Resistant to weld splatters                    |                          |

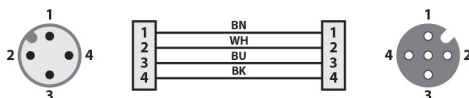
### Cable length :

|              |            |
|--------------|------------|
| L length     | 4 m        |
| Other length | On request |

### Accessories (included) :

2 label holders

### Wiring diagram :



## S12/4MLL44VG

Suitable for welding application



### Dimensions :

