

### Technical data :

|                           |             |
|---------------------------|-------------|
| Operating voltage         | 10...30V 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 angled female connector (LEDs) :

|                             |  |
|-----------------------------|--|
| 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                                       |
| LED(s) colour               | LEDs (YE / RD / GN)                          |
| Compatibility type          | PNP  |
| Current consumption per LED | < 5 mA                                       |

### Status indication :

|            |            |
|------------|------------|
| Signal (2) | Red LED    |
| Signal (4) | Yellow LED |
| Power      | Green LED  |

### Cable characteristics :

|  |                          |
|--|--------------------------|
| Sheath material                                | Halogen free PUR         |
| Wire structure                                 | 5 x 0,34 mm <sup>2</sup> |
| Conductor class                                | 6                        |
| Sheath diameter                                | 5,65 mm                  |
| Minimal sheath (wall) thickness                | > 1 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                    |                          |

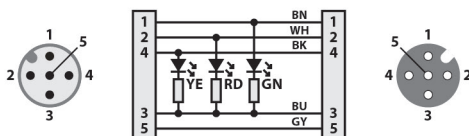
### Cable length :

|              |            |
|--------------|------------|
| L length     | 7,5 m      |
| Other length | On request |

### Accessories (included) :

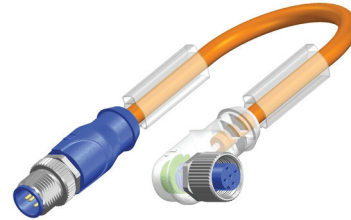
2 label holders

### Wiring diagram :



## S12/5MLP3R0754VG

Suitable for welding application



### Dimensions :

