

| Technical data :          |              |
|---------------------------|--------------|
| Operating voltage         | 10...30 V 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 / YE / GN)                          |
| Compatibility type                   | PNP  |
| Current consumption per LED          | < 5 mA                                       |

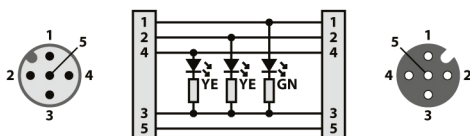
| Status indication : |            |
|---------------------|------------|
| Signal (2)          | Yellow LED |
| Signal (4)          | Yellow LED |
| Power               | Green LED  |

| Cable characteristics :          |                                  |
|----------------------------------|----------------------------------|
| Sheath material                  | Halogen free PUR                 |
| Wire structure                   | 5 G 0,34 mm <sup>2</sup>         |
| Conductor class                  | 6                                |
| Sheath diameter                  | 5,5 mm                           |
| Flame resistance according to    | IEC 60332-1 (VDE 0472-804/B)     |
| Oil resistance according to      | EN 50363 & IEC 60811-2-1 & CNOMO |
| Resistant to spot weld splatters |                                  |

| Cable length : |            |
|----------------|------------|
| L length       | 1 m        |
| Other length   | On request |

| Accessories (included) : |  |
|--------------------------|--|
| 2 label holders          |  |

**Wiring diagram :**



## L12/5MLP312

Oil environment



**Dimensions :**

