



## Connection cable M12 4-pin with coupling ring, plastic

### Product characteristics

- Good resistance to chemicals and oil
- High protection class and high temperature range to meet the demands of adverse industrial environments
- Suitable for the elo USB IO-Link Master used for connecting IO-Link-capable sensors

### Technical drawing

IMAGE 1/6

K54G00.K

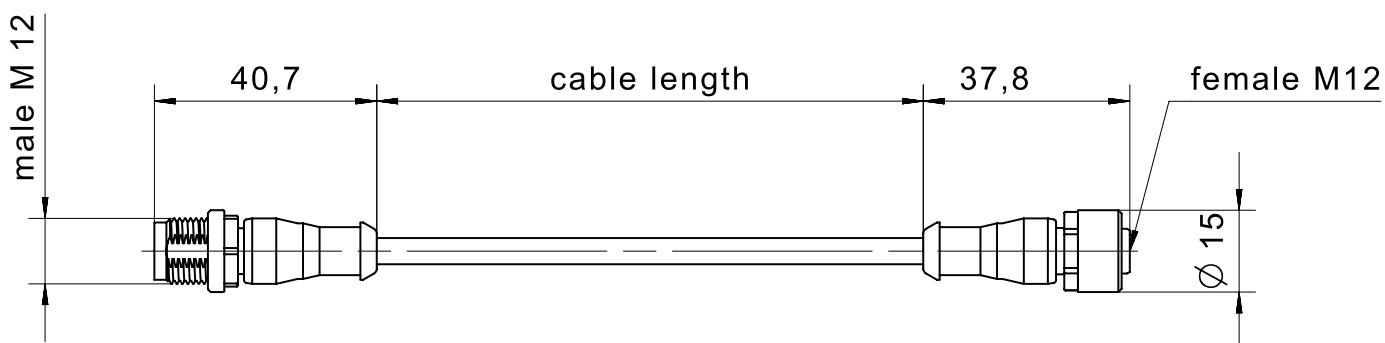


IMAGE 2/6

## male M12



## female M12



IMAGE 3/6



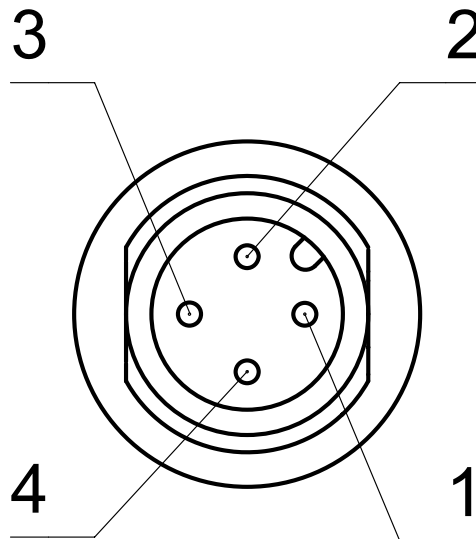
IMAGE 4/6

K55G00.K



IMAGE 5/6

## male M12



## female M12

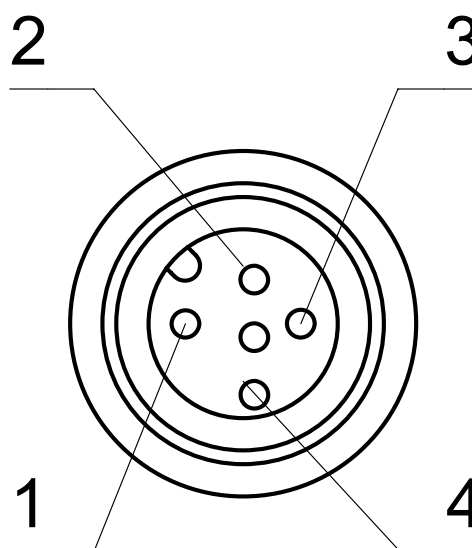
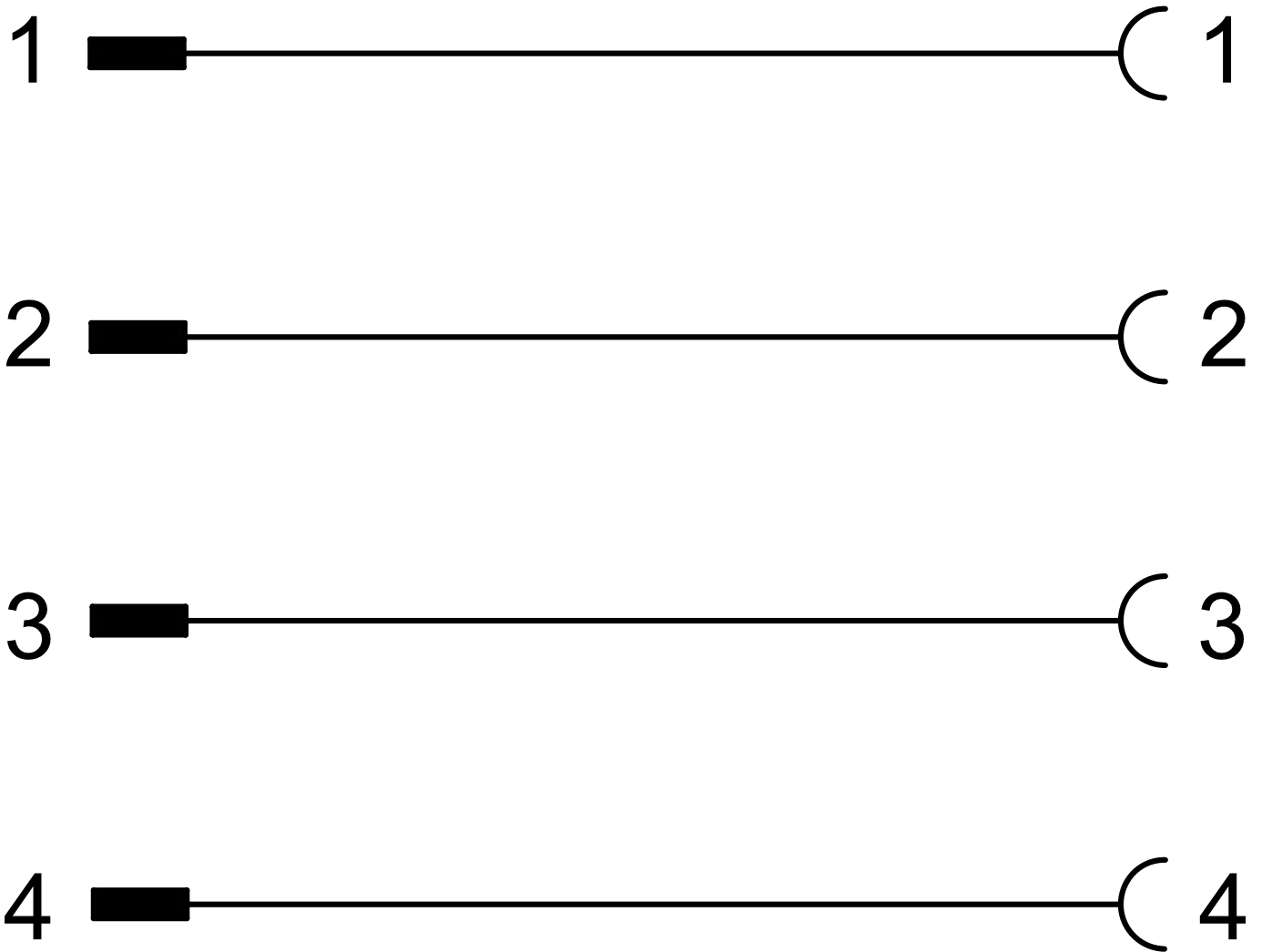


IMAGE 6/6



## Product options

IMAGE 1/1

### ORDERING KEY

| K5 |    |      | Connection cable M12 4-pin with coupling ring, plastic   |
|----|----|------|--|
|    | 4G |      | 4-pin, connector / socket, straight, sheath material PVC |
|    | 5G |      | 4-pin, connector / socket, angled, sheath material PVC   |
|    |    | 001K | Cable length 1m ± 30mm                                   |
|    |    | 003K | Cable length 3m ± 40mm                                   |
|    |    | 005K | Cable length 5m ± 60mm                                   |
|    |    | 000K | Cable length 10m ± 80mm                                  |
|    |    |      |  |
|    |    |      | Other cable materials and cable lengths on request       |

#### Article characteristics

| Attribute  | K54G...K                         | K55G...K                       |
|--|----------------------------------|--------------------------------|
| Max. switching current per contact               | 4 A                              |                                |
| Rated impulse withstand voltage (Uimp)           | 2500 V                           |                                |
| Operating voltage max.                           | 30 V DC                          |                                |
| Operating voltage max.                           | 30 V AC                          |                                |
| Cable colour                                     | Grey                             |                                |
| Cable material                                   | PVC                              |                                |
| Nut material                                     | PA                               |                                |
| Overmould material                               | PUR                              |                                |
| Min. storage temperature                         | -25 °C                           | -30 °C                         |
| Max. storage temperature                         | 80 °C                            |                                |
| Min. cable temperature range, moving             | -5 °C                            |                                |
| Max. cable temperature range, moving             | 80 °C                            |                                |
| Min. cable temperature range, fixed installation | -25 °C                           | -30 °C                         |
| Max. cable temperature range, fixed installation | 80 °C                            |                                |
| Torque for nuts                                  | 0,6 N m                          |                                |
| Connector type                                   | M12 connector / socket, straight | M12 connector / socket, angled |
| Cable length                                     | 10 m                             |                                |
| Cable diameter                                   | 4,8 mm                           |                                |
| Number of pins                                   | 4                                |                                |
| Number of strands                                | 4                                |                                |
| Wire cross section                               | 0.25 mm <sup>2</sup>             |                                |
| Certified in accordance with                     | UL/CSA ECOLAB                    |                                |