



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

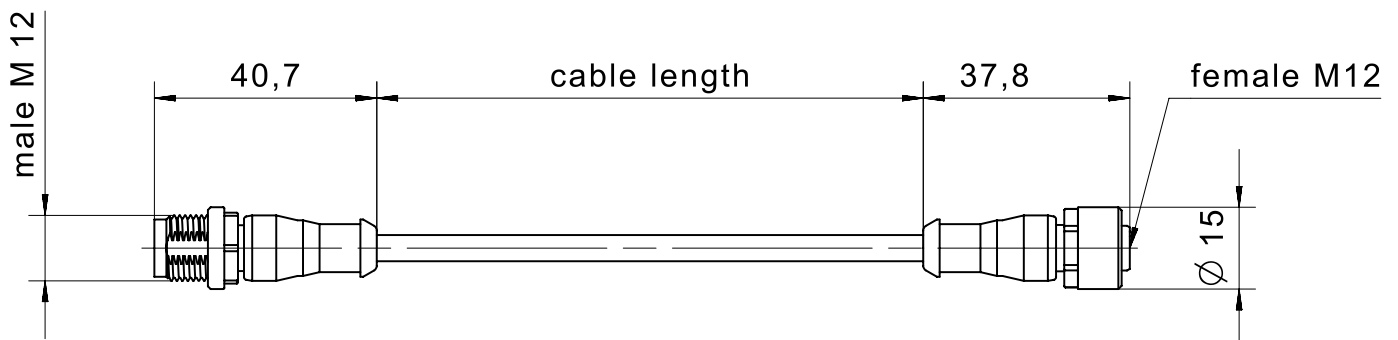


IMAGE 2/6

male M12



female M12



IMAGE 3/6

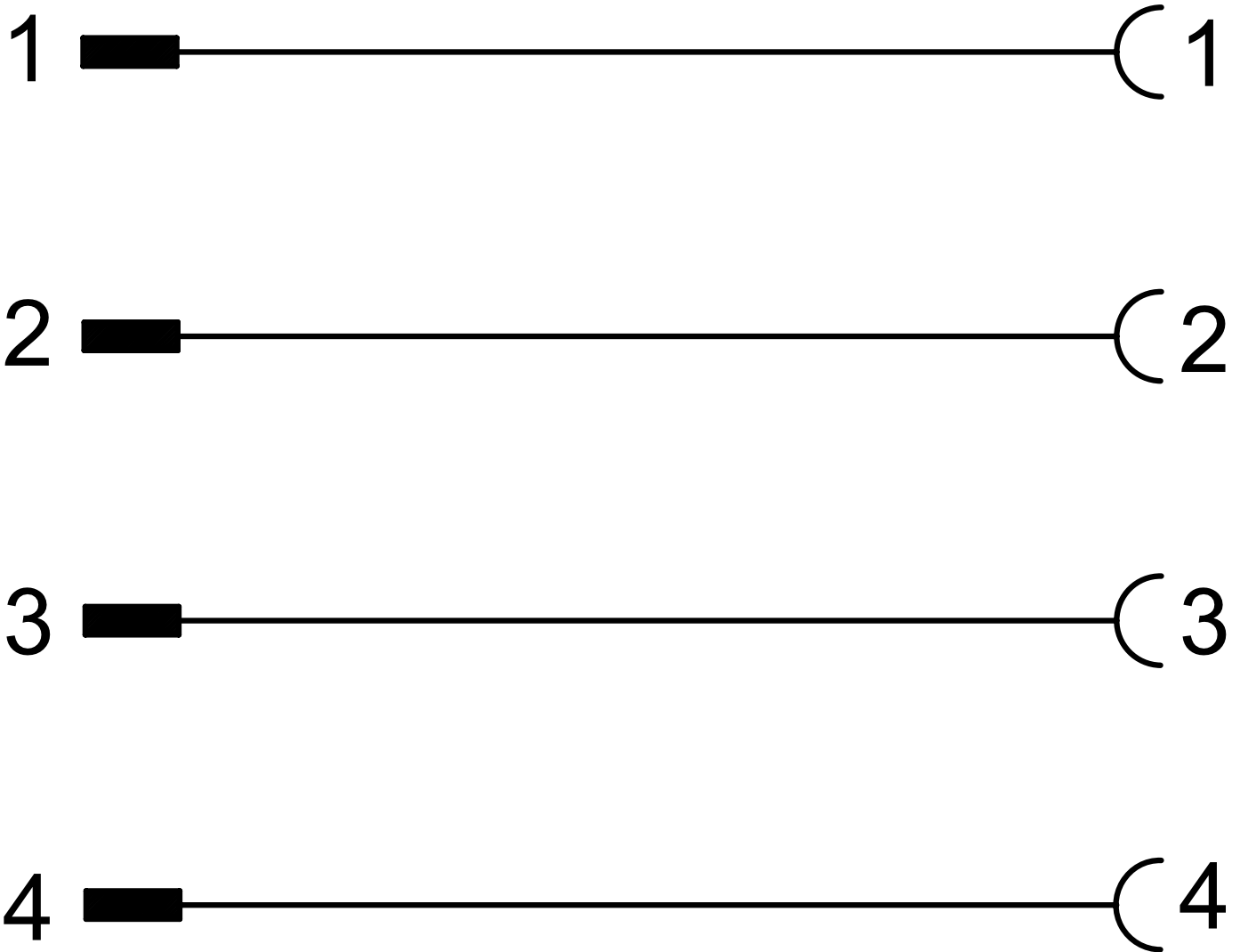


IMAGE 4/6

K55G00.K

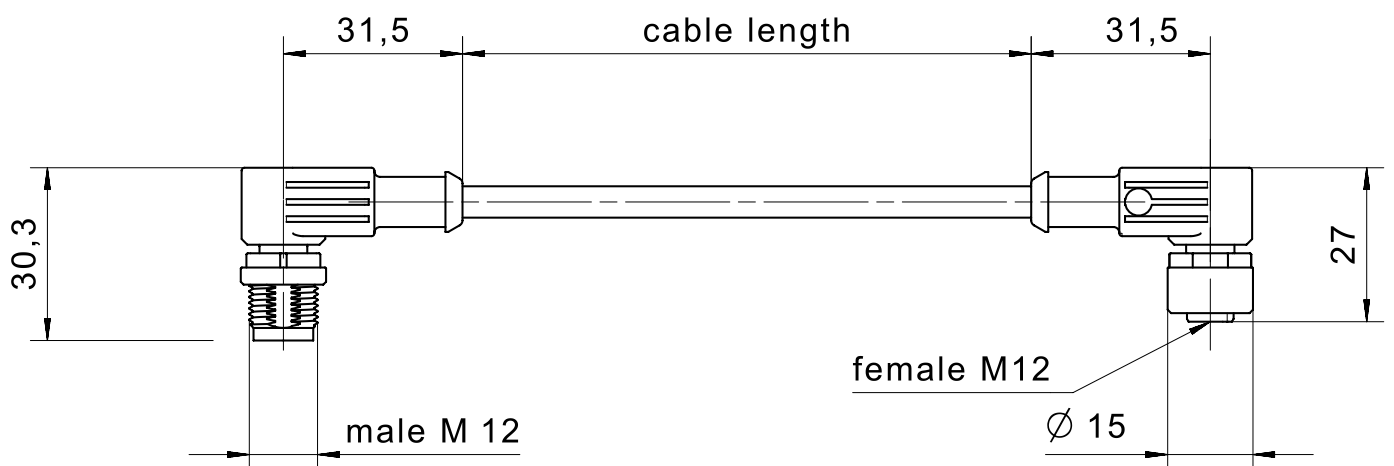


IMAGE 5/6

male M12



female M12

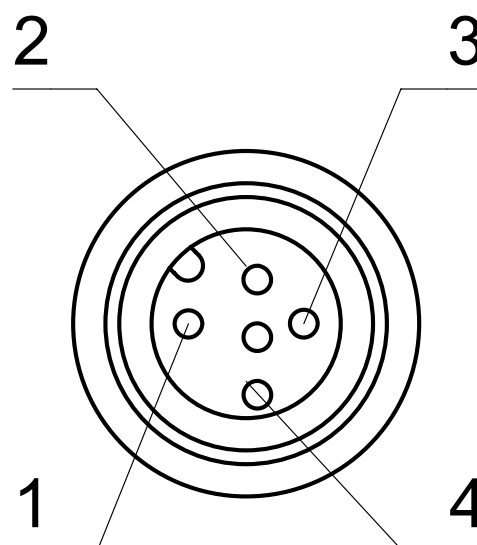
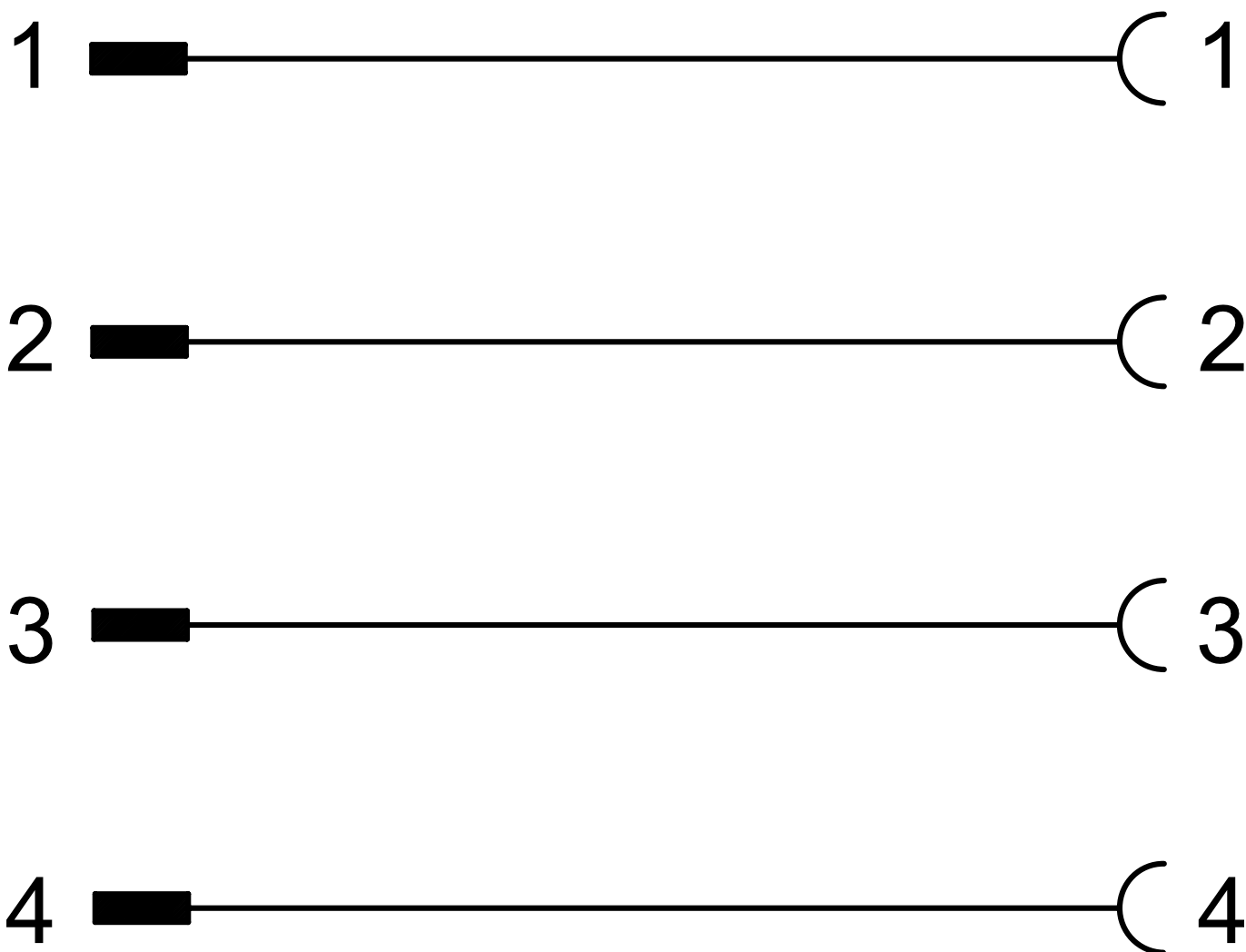


IMAGE 6/6



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 diameter | 4,8 mm | |
| Number of pins | 4 | |
| Number of strands | 4 | |
| Wire cross section | 0.25 mm² | |
| Cable length | Selectable (1m, 3m, 5m, 10m) | |
| Certified in accordance with | UL/CSA ECOLAB | |