



Connection cable K5.G

Product characteristics

- Preassembled connection cable sets
- Straight and angled versions available
- • M12 connector and socket, compatible with all sensors and T-connectors with 4-pin/8-pin circular connector and M12 thread
- High protection class
- Various cable lengths available

Technical drawing

IMAGE 1/9

K54G00.K



IMAGE 2/9

male M12



female M12



IMAGE 3/9



IMAGE 4/9

K58G00.K

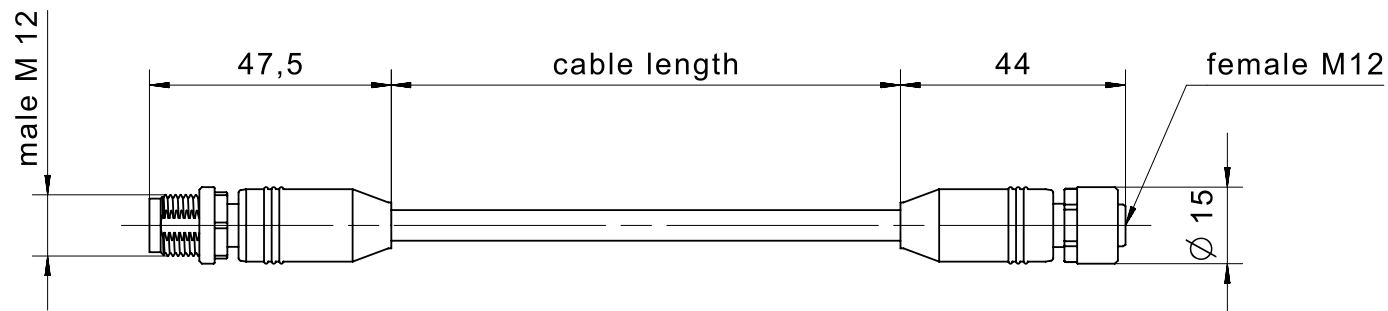
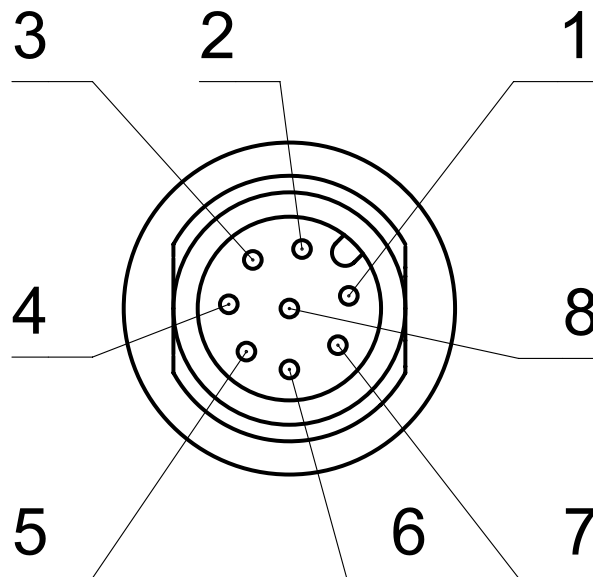


IMAGE 5/9

male M12



female M12

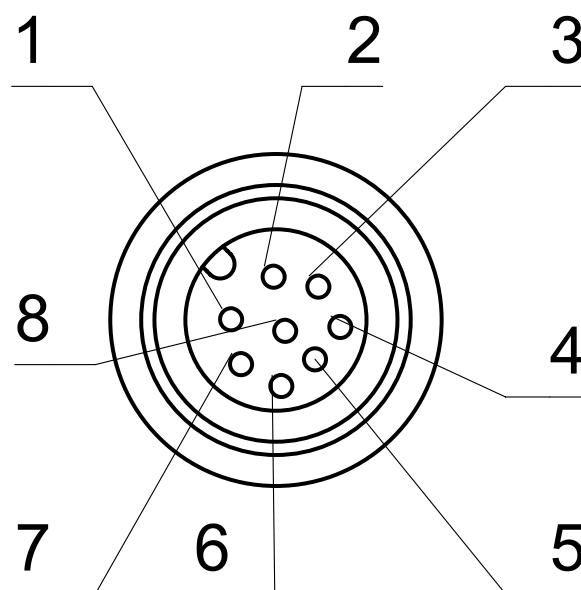


IMAGE 6/9

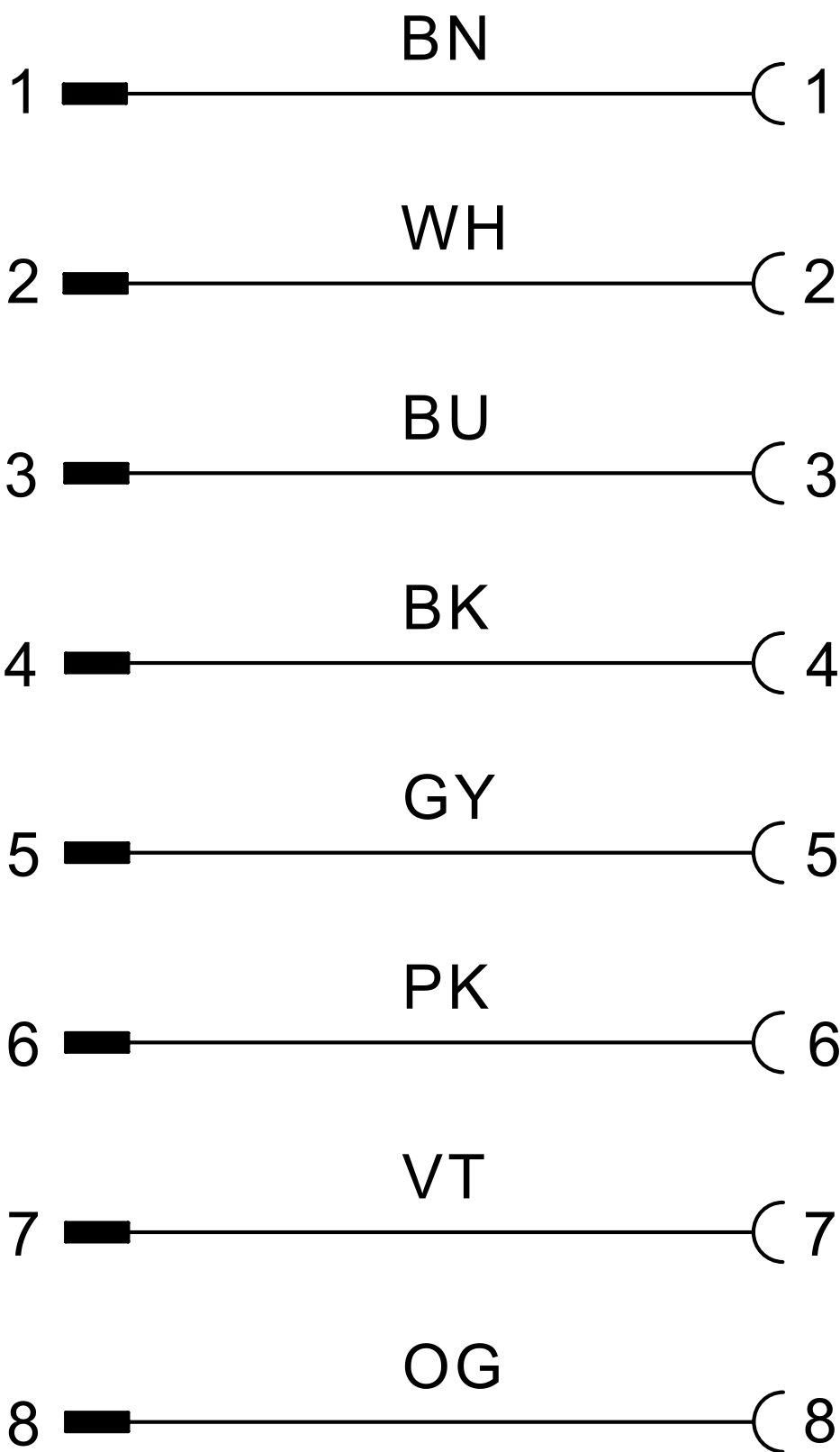


IMAGE 7/9

K55G00.K

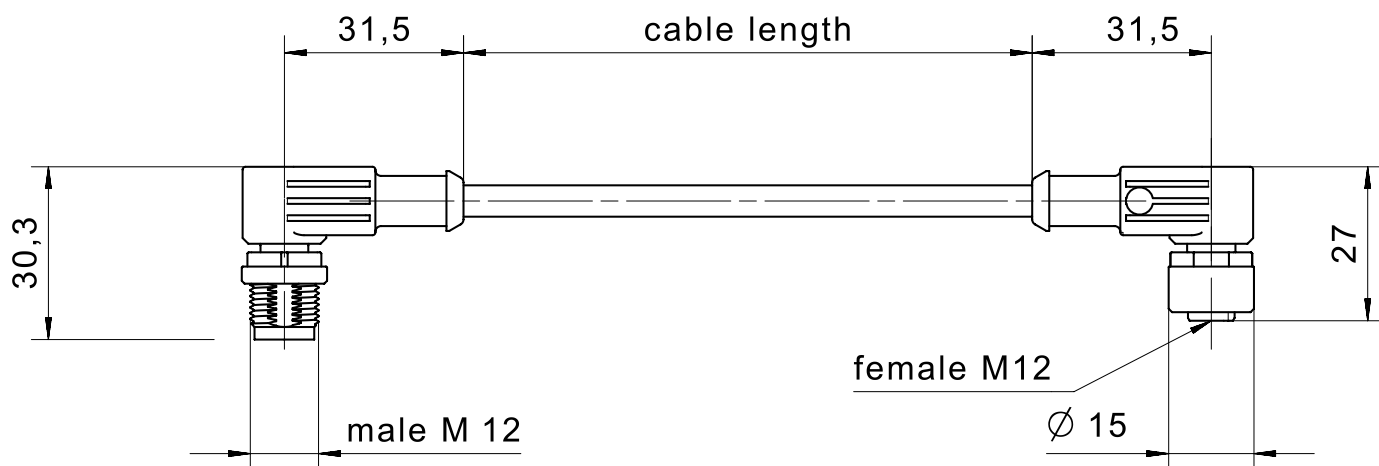
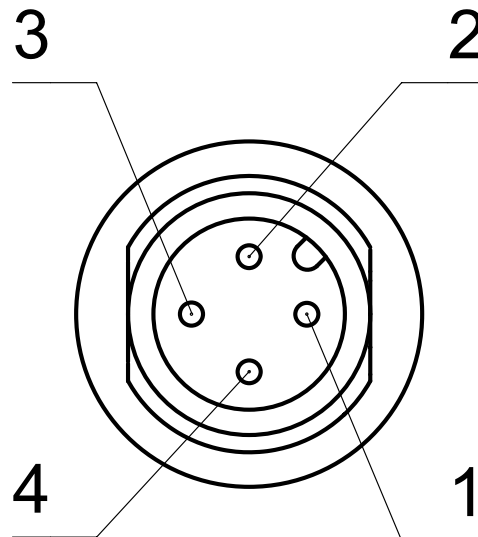


IMAGE 8/9

male M12



female M12

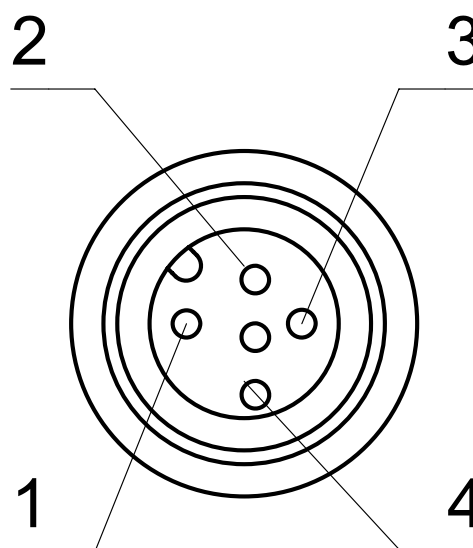
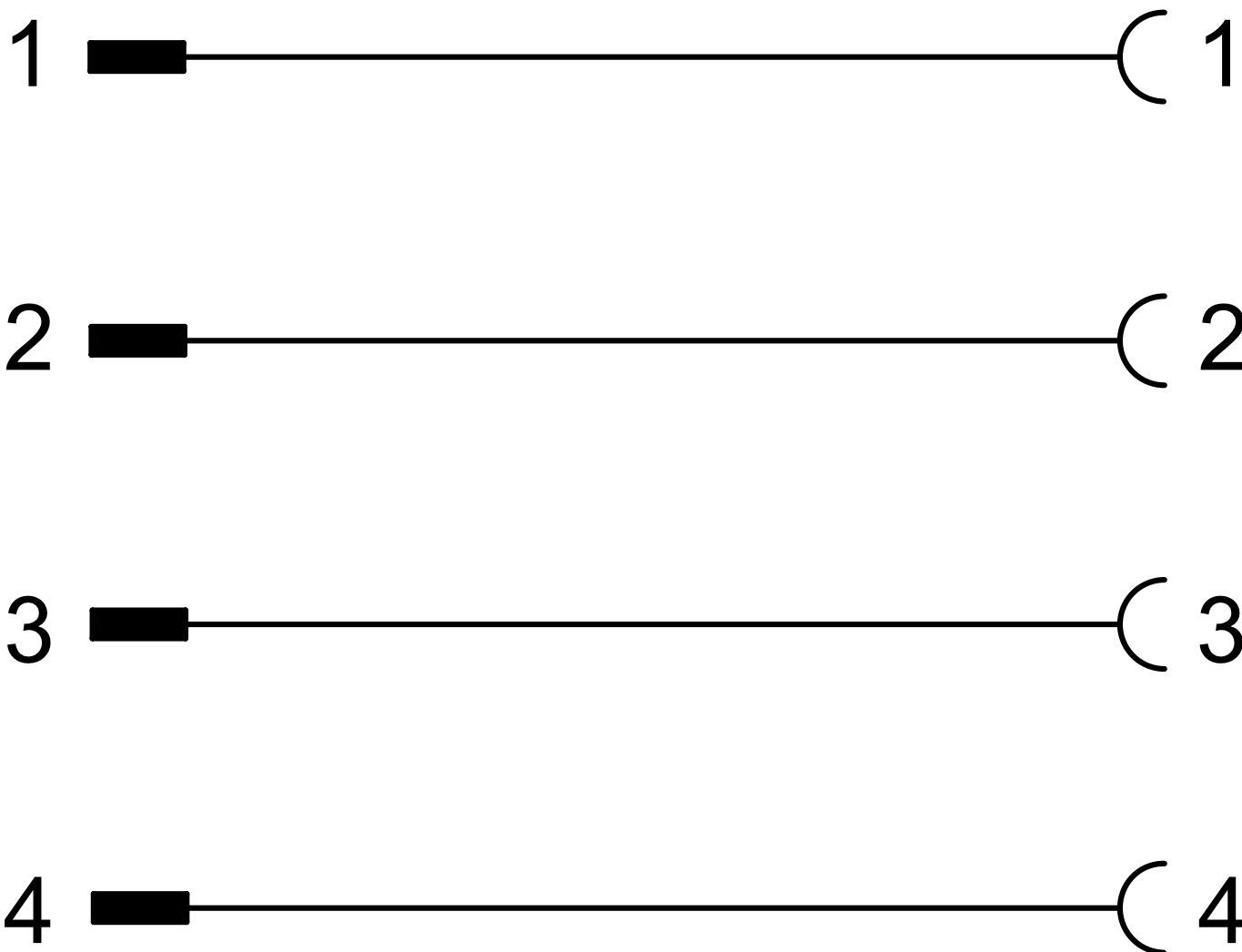


IMAGE 9/9



Product options

IMAGE 1/1

ORDERING KEY

| K5 | | | | Connection cable sheath material PVC |
|----|----|-----|---|--|
| | 4G | | | 4-pin – connector/socket straight |
| | 5G | | | 5-pin – connector/socket angled |
| | 8G | | | 8-pin – connector/socket straight |
| | | 001 | K | Cable length 1 m |
| | | 003 | K | Cable length 3 m |
| | | 005 | K | Cable length 5 m |
| | | 000 | K | Cable length 10 m |
| | | | | Other cable materials and cable lengths on request |

Article characteristics

| Attribute | K54G...K | K55G...K | K58G000K | K58G001K | K58G003K | K58G005K |
|--|----------------------------------|--------------------------------|-----------------------------|----------|----------|----------|
| Min. storage temperature | -25 °C | -30 °C | -25 °C | | | |
| Max. storage temperature | 80 °C | | | | | |
| Cable type | - | | LIYY | | | |
| Weight | - | | 551 g | 74 g | 180 g | 286 g |
| Max. switching current per contact | 4 A | | 2 A | | | |
| Rated impulse withstand voltage (Uimp) | 2500 V | | 800 V | | | |
| Pollution degree | - | | 3 | | | |
| Operating voltage max. | 30 V DC | | | | | |
| Operating voltage max. | 30 V AC | | | | | |
| Nut material | PA | | | | | |
| Overmould material | PUR | | | | | |
| Cable material | PVC | | | | | |
| Protection class, connector | - | | IP67 DIN EN 60529 | | | |
| Min. cable temperature range, moving | -5 °C | | | | | |
| Max. cable temperature range, moving | 80 °C | | | | | |
| Min. cable temperature range, fixed installation | -25 °C | -30 °C | -25 °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 | M12 Stecker / Buchse gerade | | | |
| Cable colour | Grey | | grau | | | |
| Cable length | 10 m | | | 1 m | 3 m | 5 m |
| Cable diameter | 4,8 mm | | 6 mm | | | |
| Number of pins | 4 | | 8 | | | |
| Number of strands | 4 | | 8 | | | |
| Wire cross section | 0.25 mm² | | | | | |
| Certified in accordance with | UL/CSA ECOLAB | | | | | |