



## Conector K5.G

### Especificação Técnica

- Conjuntos de cabos pré-montado
- Versões retas e angulares disponíveis
- Conector padrão M12, compatível com sensores e conectores tipo T com conector M12 circular de 4 pinos / 8 pinos
- Elevada classe de proteção
- Vários comprimentos de cabos disponíveis

### Desenho técnico

IMAGE 1/9

K54G00.K



IMAGE 2/9

## male M12



## female M12



IMAGE 3/9



IMAGE 4/9

K58G00.K

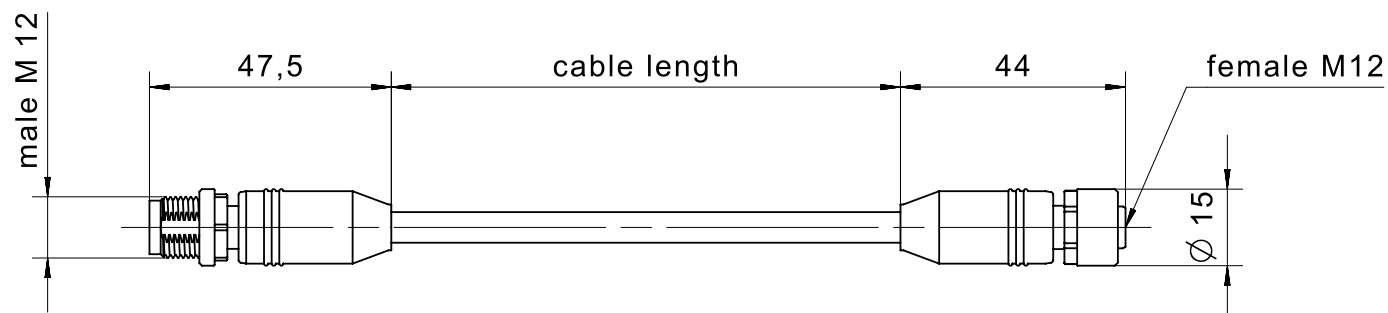
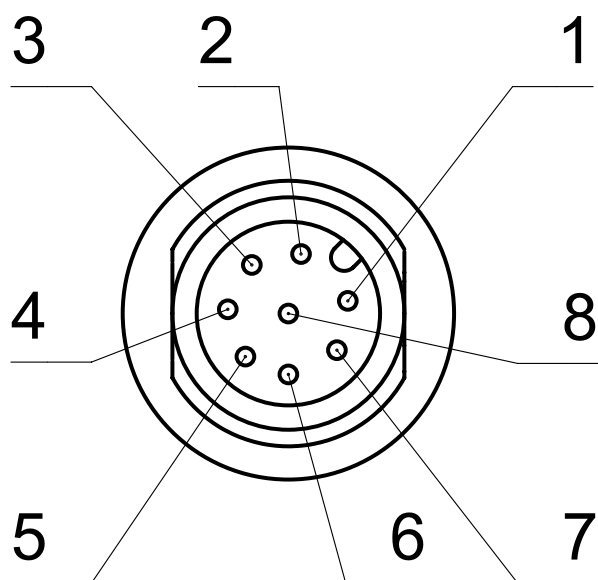


IMAGE 5/9

## male M12



## female M12

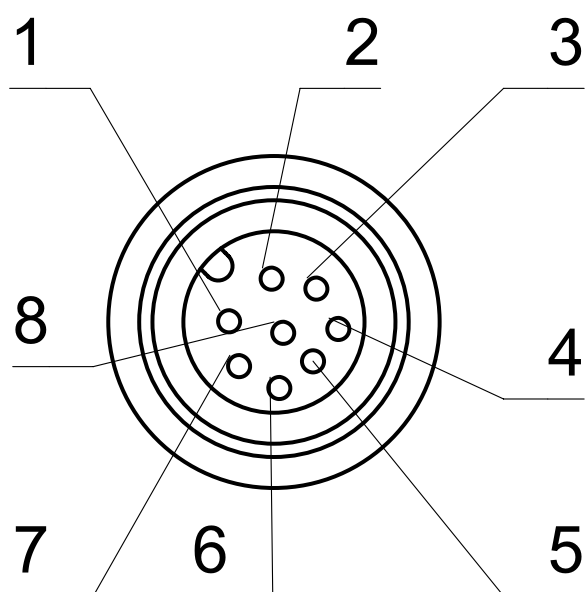


IMAGE 6/9

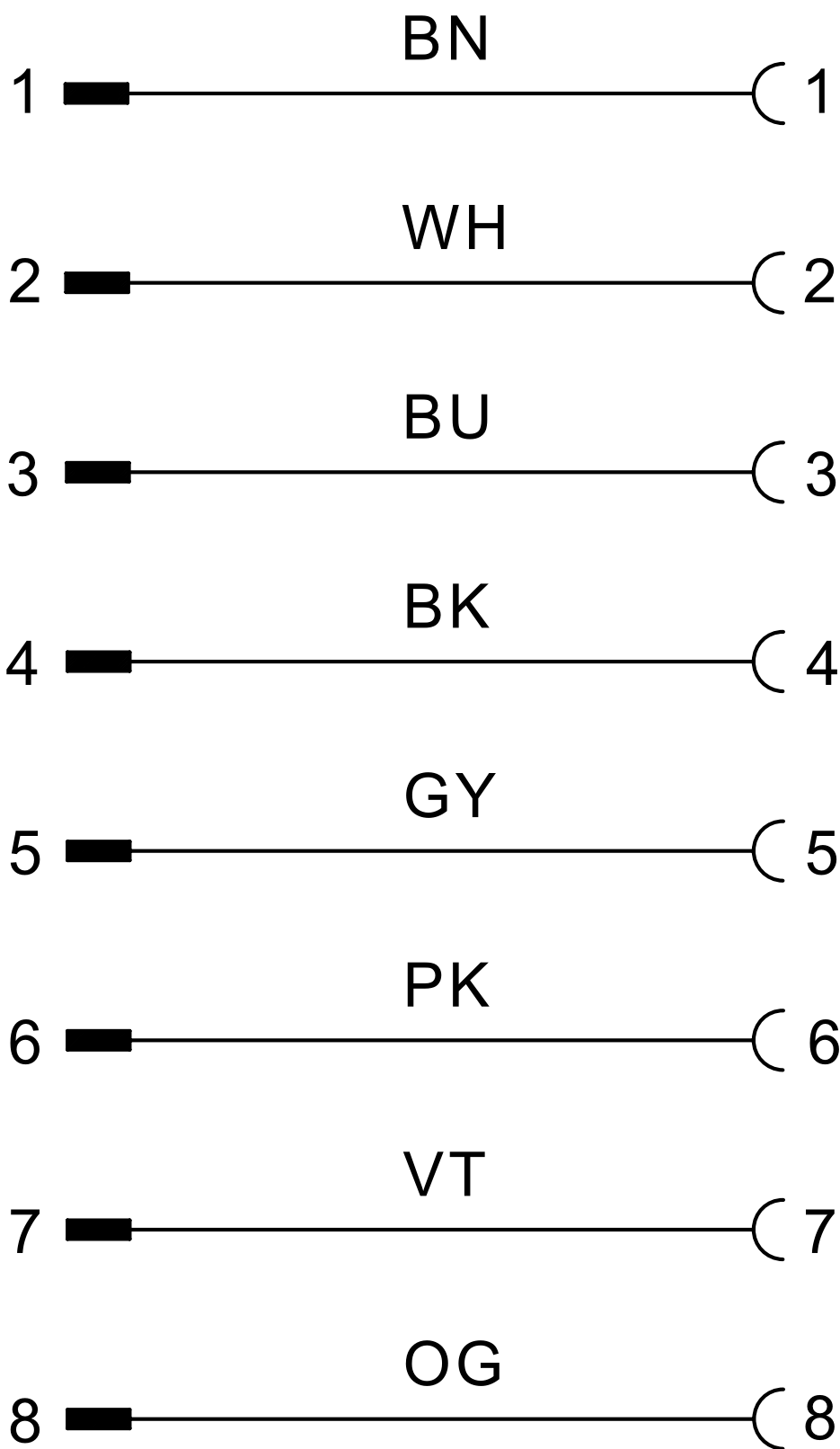


IMAGE 7/9

K55G00.K

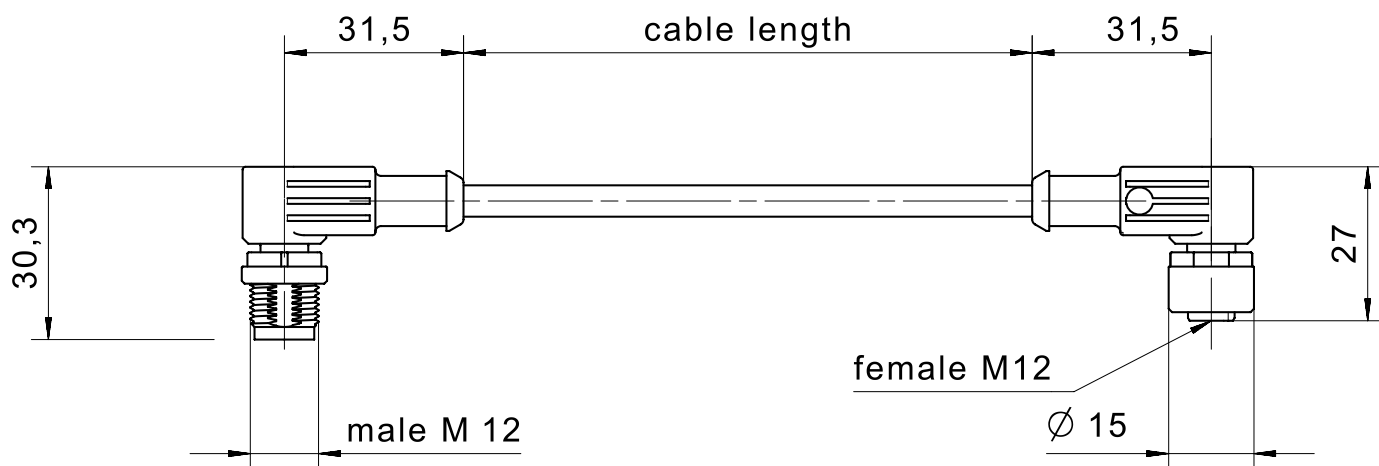
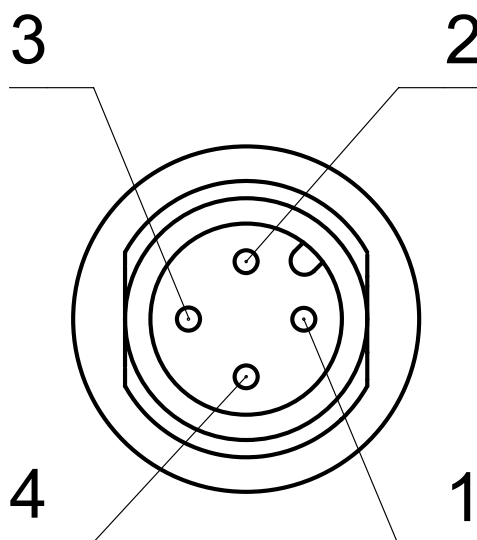


IMAGE 8/9

## male M12



## female M12

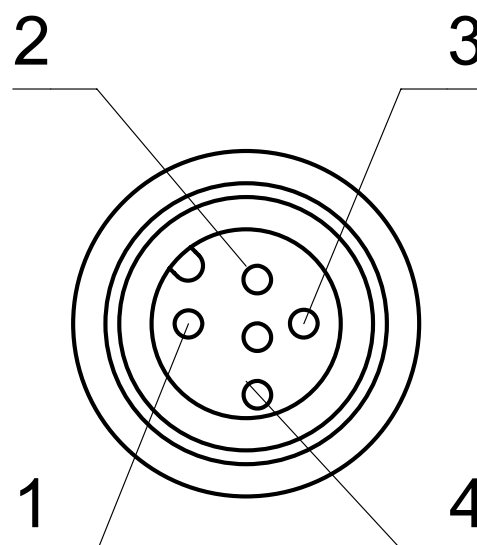
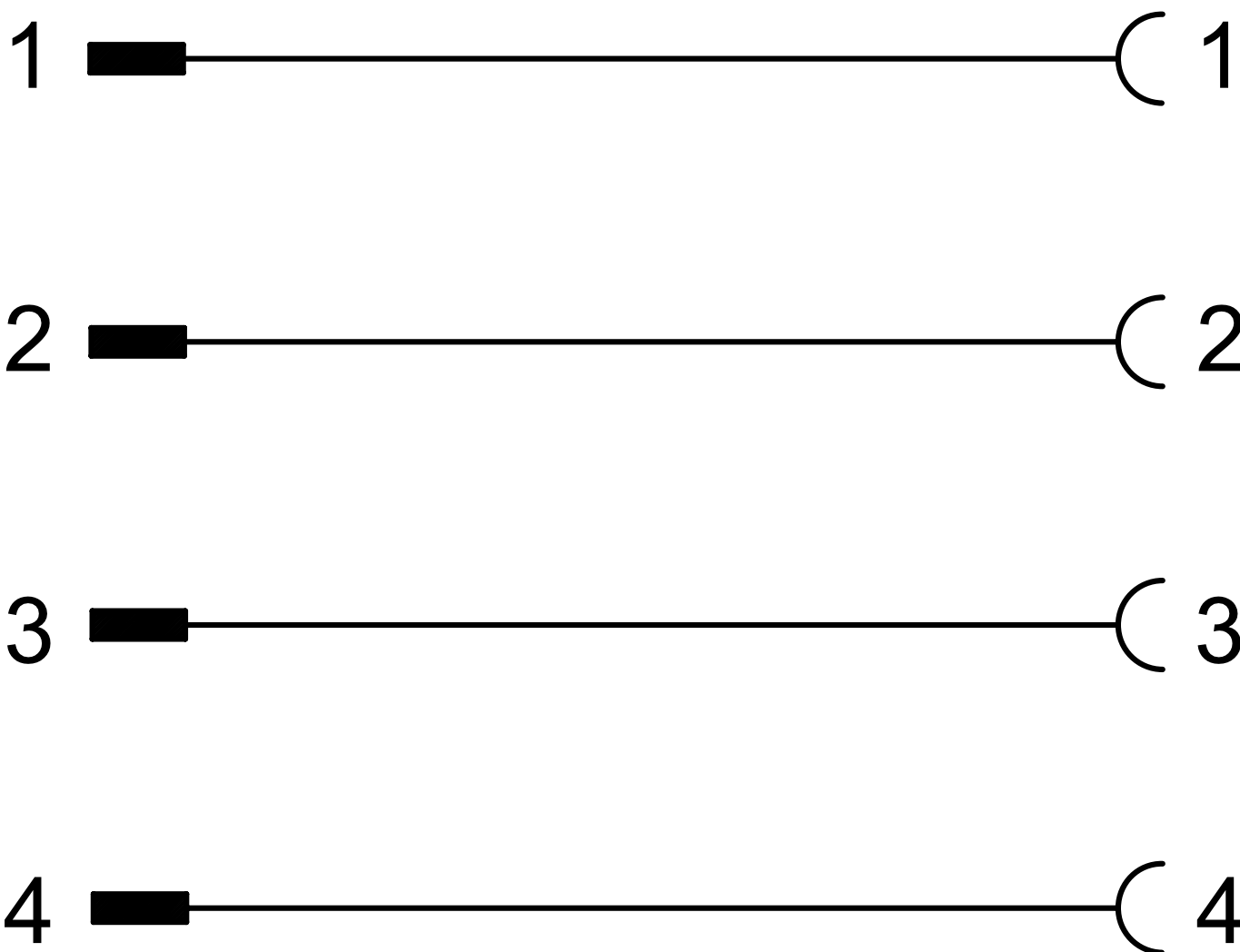


IMAGE 9/9



### 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 |



## Características do artigo

| 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                    |                                |                             |          |          |          |