



## Sensor de segurança magnético 122MSV

O sensor de segurança magnético modelo 122MSV é o sensor mais compacto disponível no mercado. A carcaça em aço inoxidável totalmente vedada pode suportar jatos d'água, produtos químicos e temperaturas extremas de -25 ° C até +80 ° C, com classe de proteção IP6K9K.

O sensor de segurança magnético modelo 122MSV permite uma distância de comutação de até 9,5 mm. É a solução ideal para aplicação na indústria de alimentos e embalagens.

### Especificação Técnica

- Flexibilidade de instalação
- Classe de proteção IP6K9K, ideal para aplicações que exigem resistência à jatos d'água
- Conector M12
- Atuador magnético em carcaça M12 (código: 122MBV100)

### Desenho técnico

IMAGE 1/3

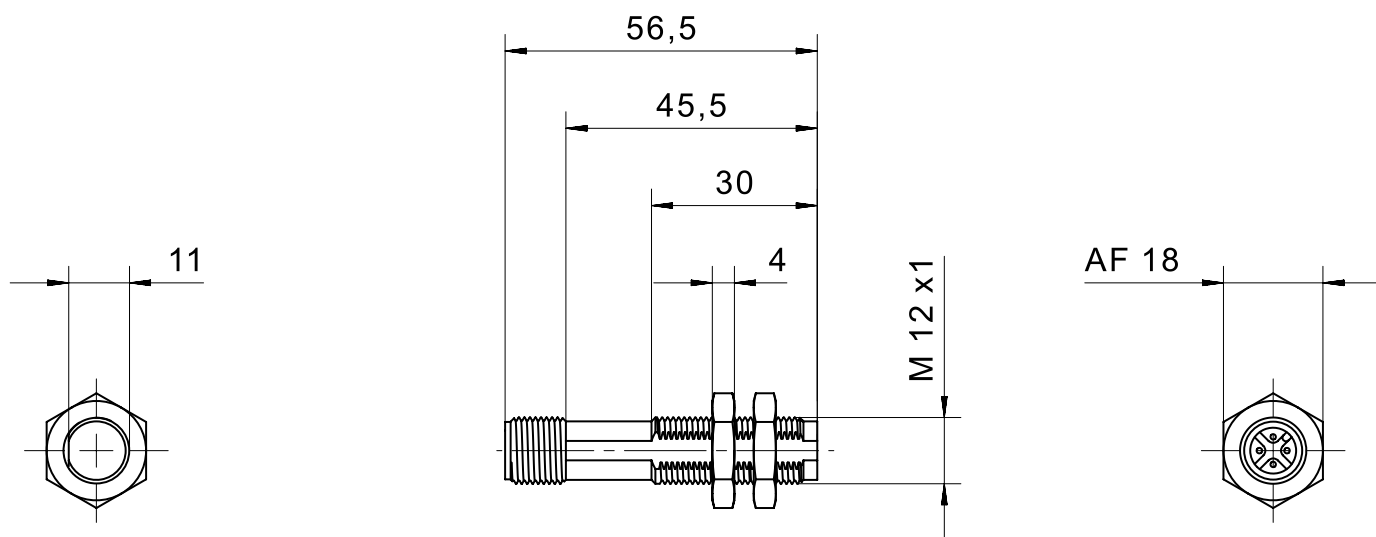


IMAGE 2/3

# male M12

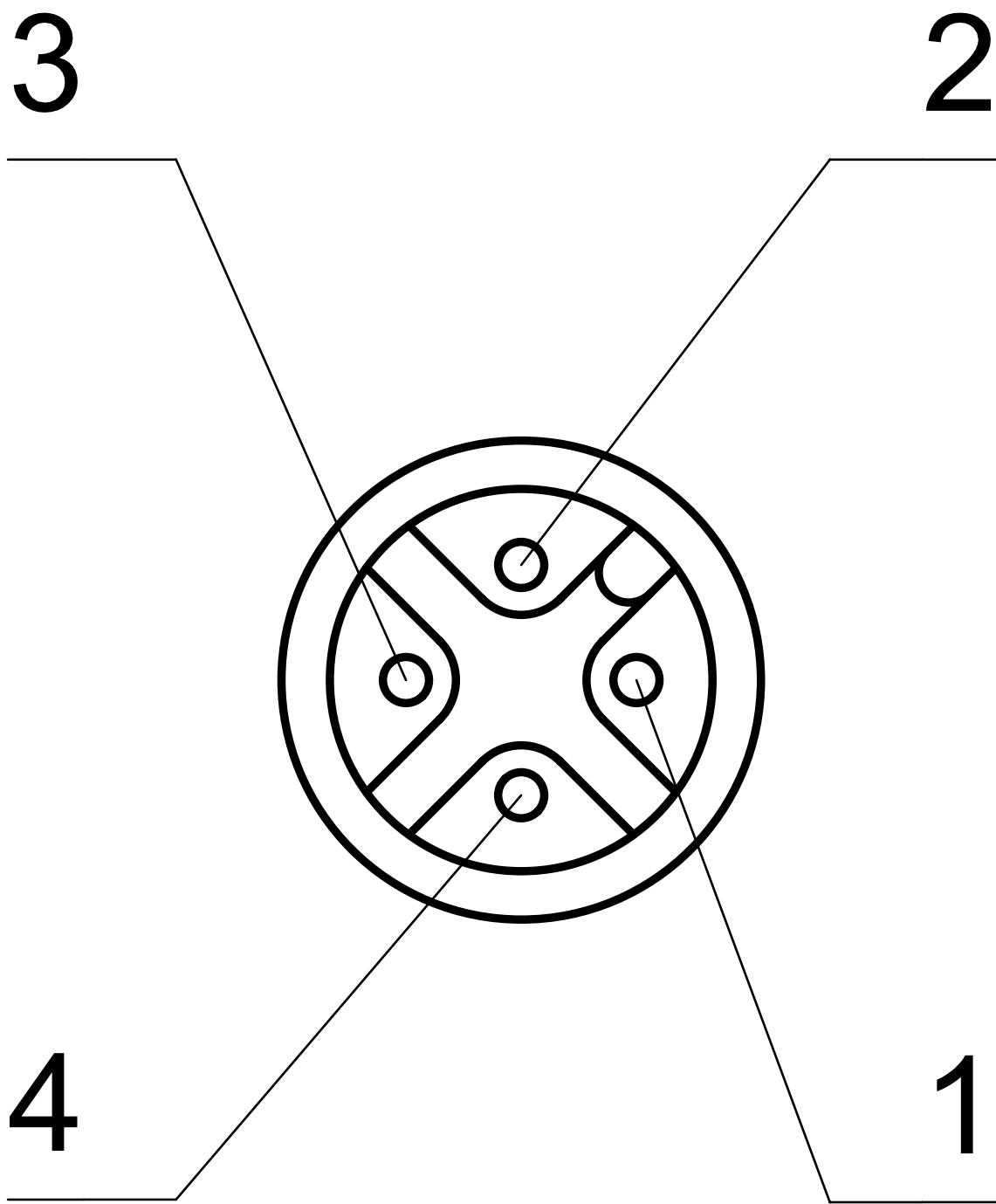
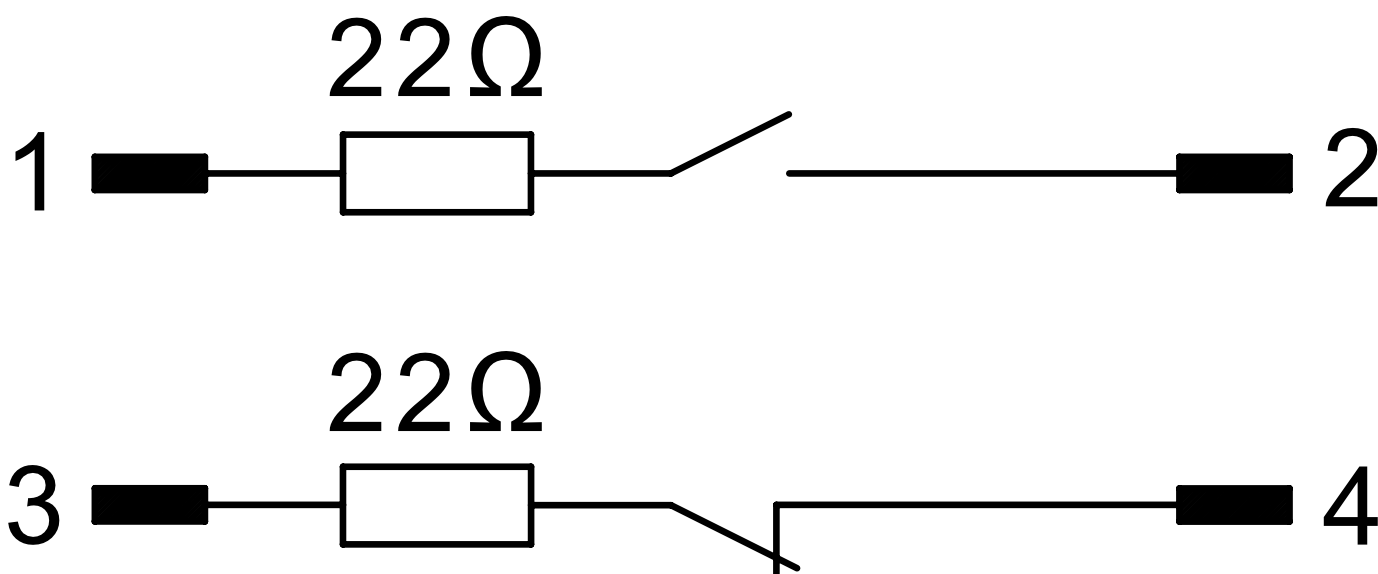


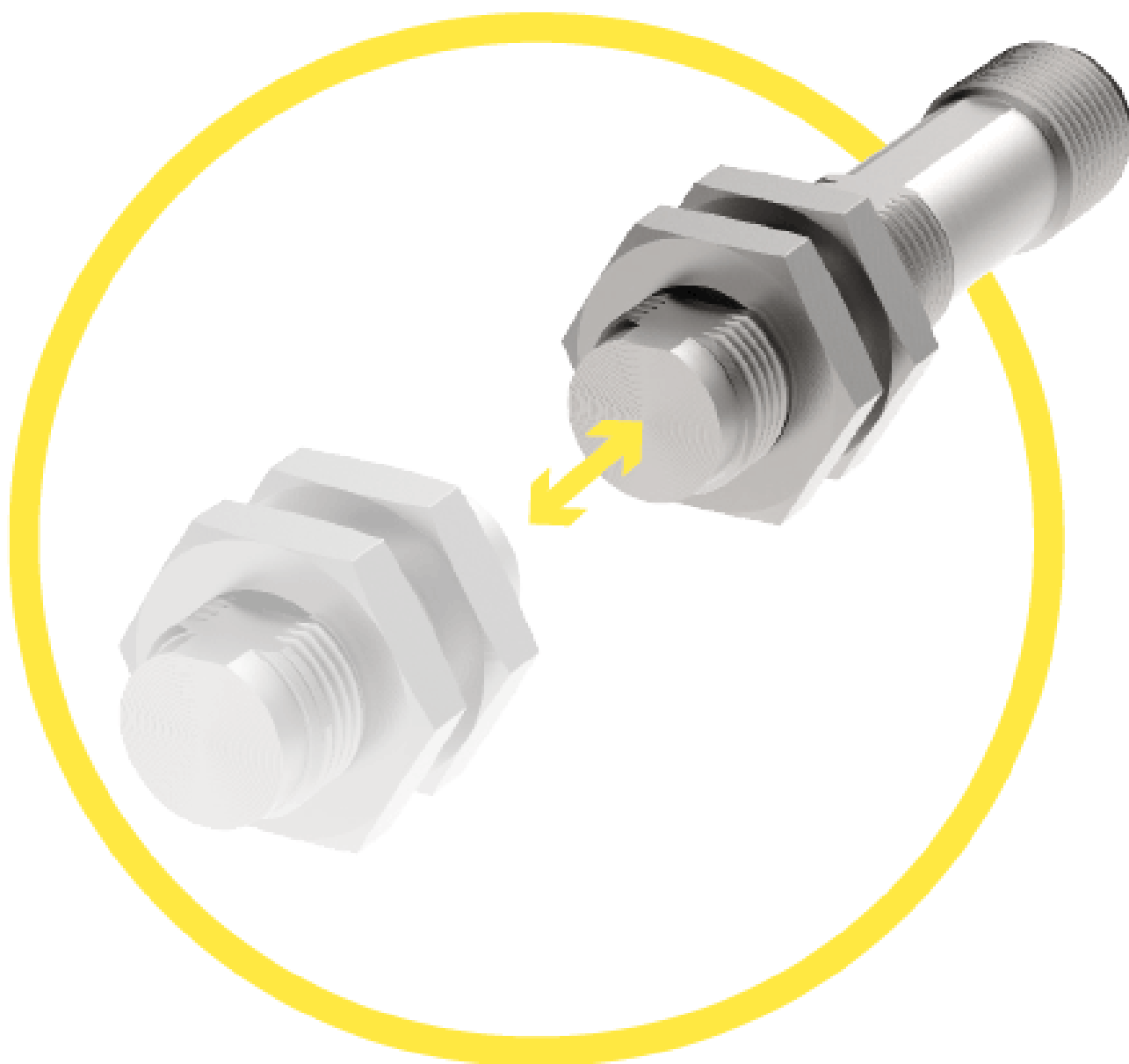
IMAGE 3/3

# 122MSV10G1G



### Product options

IMAGE 1/2



**Suitable for front actuation. Offset with magnet systems  
122 MBV 100: max. 5 mm. Operating distance (Sao) from  
5 to 9.5 mm. Assured switch-off distance (Sar) 25 mm**

## IMAGE 2/2

### ORDERING KEY

|                              | 122MSV10G1G |
|------------------------------|-------------|
| Stainless steel housing M12  | x           |
| M12x1 plug connection, 4-pin | x           |
| N.O./N.C. contacts           | x           |
| Coded                        | x           |
| Uncoded                      | -           |

### MATCHING ACTUATORS

| Actuators   | Actuation direction | 120V62V       |          |          |  |
|-------------|---------------------|---------------|----------|----------|--|
|             | Front               | $S_{0_{min}}$ | $S_{ao}$ | $S_{ar}$ |  |
| 122 MBV 100 |                     | 0.5           | 9.5      | 25       |  |

$S_{0_{min}}$  = minimum switching distance (mm),  $S_{ao}$  = operating distance (mm),  $S_{ar}$  = assured switch-off distance (mm)

## Características do artigo

| Attribute                           | 122MSV10G1G       |
|-------------------------------------|-------------------|
| Min. switching voltage              | 19.2 V DC         |
| Max. switching voltage              | 28.8 V DC         |
| Max. switching current              | 0.1 A             |
| Max. switching power                | 3 W               |
| Switching frequency                 | 5 Hz              |
| Assured switching distance (Sao)    | 9.5 mm            |
| Assured switch-off distance (Sar)   | 25 mm             |
| Minimum switching distance (S0 min) | 0.5 mm            |
| LED display                         | No                |
| Actuation                           | front             |
| Switching principle                 | magnetic          |
| Series resistor                     | 22 Ohm            |
| Technology                          | Reed              |
| Contact form                        | NO/NC             |
| Pollution degree                    | 3                 |
| Protection class                    | III               |
| Coding acc. to EN ISO 14119         | Low               |
| B10d acc. to EN ISO 13849-1         | 20000000          |
| Type acc. to EN ISO 14119           | 4                 |
| Mission time in years               | 20 a              |
| Structure acc. to EN ISO 13849-1    | Two-channel       |
| Housing colour                      | silber            |
| Housing design                      | cylindrical       |
| Dimensions                          | M12 x 55,5 mm     |
| Detent present                      | no                |
| cannot be mounted flush             | yes               |
| Housing material                    | Edelstahl         |
| Nut material                        | Edelstahl         |
| Protection class                    | IP68 DIN EN 60529 |
| Protection class, connector         | IP68 DIN EN 60529 |
| Operating temperature min.          | -25 °C            |

| Attribute                   | 122MSV10G1G     |
|-----------------------------|-----------------|
| Max. operating temperature  | 80 °C           |
| Shock resistance (Norm)     | 30g / 11ms      |
| Vibration resistance (Norm) | 10 - 55Hz       |
| Min. storage temperature    | -25 °C          |
| Max. storage temperature    | 80 °C           |
| Mounting type               | Fastening nut   |
| Thread                      | M12             |
| Connector type              | M12x1 - 4 polig |
| CE label                    | yes             |
| Possible actuators          | 122MBV100       |