



Sensor de segurança magnético 122

O sensor de segurança magnético modelo 122 é compacto, robusto e seguro, tornando-o ideal para uma infinidades de aplicações industriais.

Especificação Técnica

- Tipo de conectores disponíveis: cabo e conector M8
- Carcaça em plástico injetado formato cilíndrico M12 x 46 mm

Desenho técnico

IMAGE 1/3

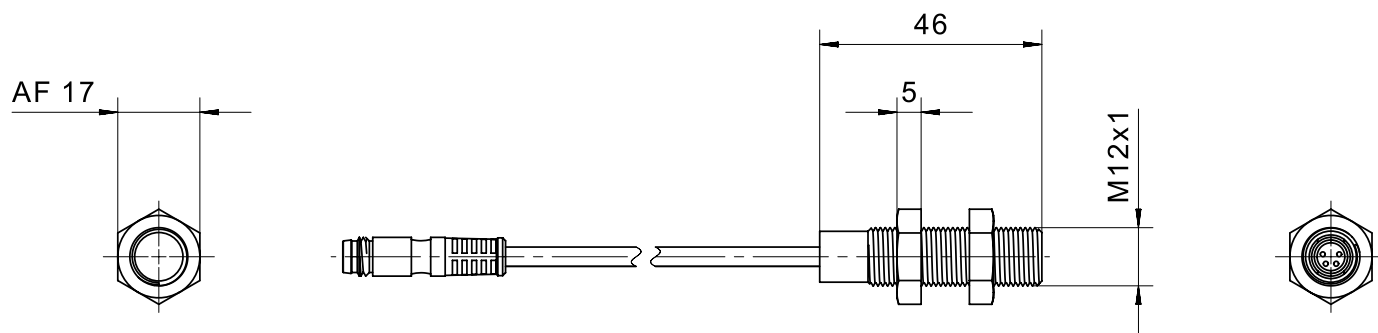
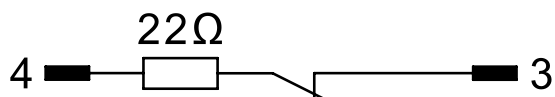
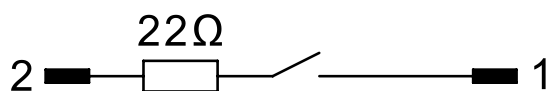


IMAGE 2/3

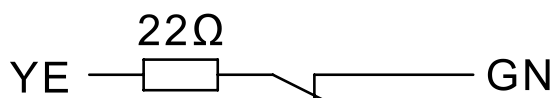
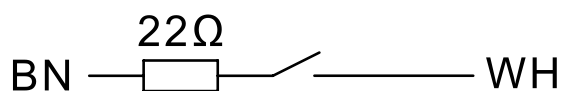


IMAGE 3/3

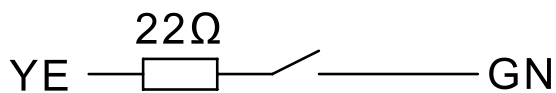
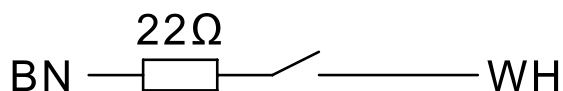
12227102



122271

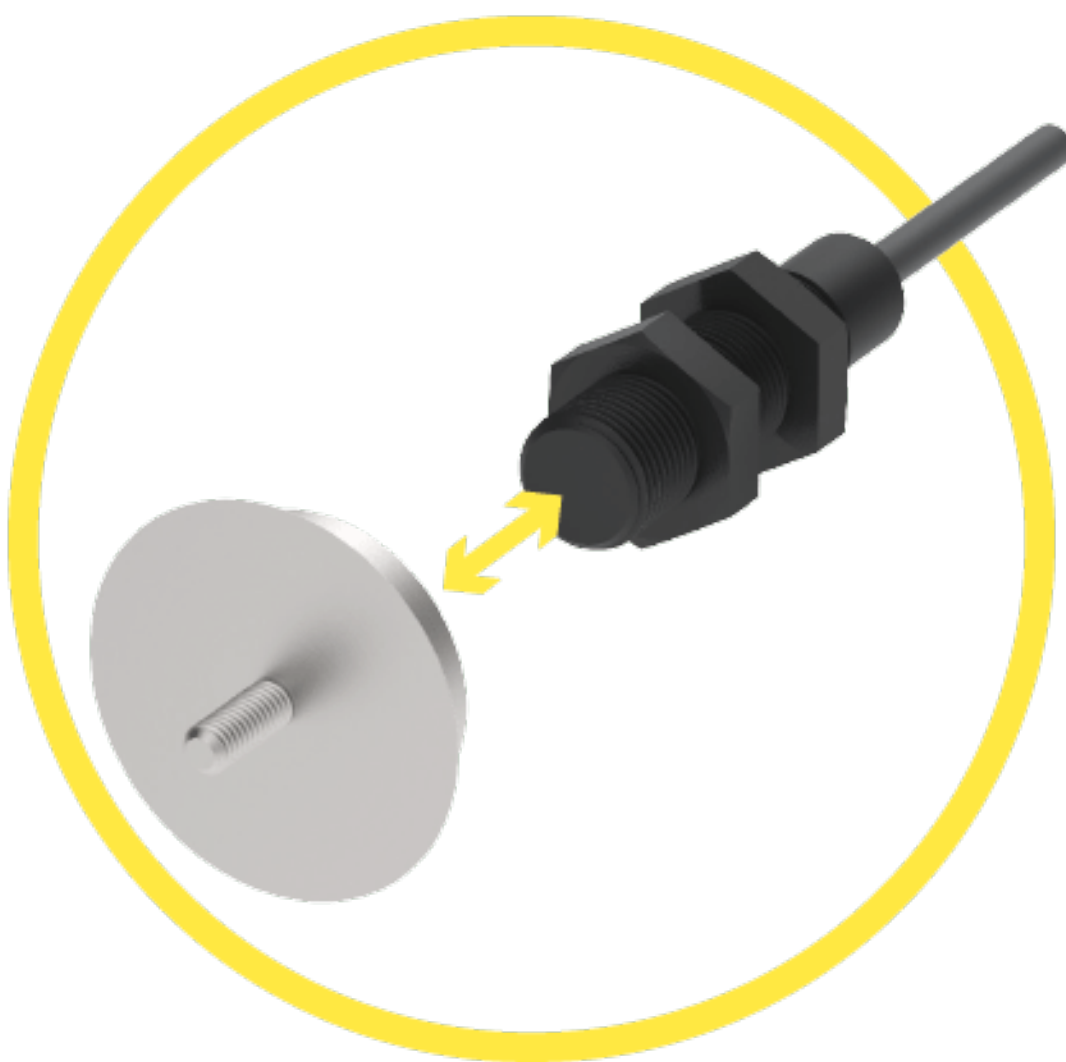


122V62



Product options

IMAGE 1/3



Suitable for front actuation. Offset depending on magnet system: max. 8 mm to 10 mm. Operating distance (Sao) 7 to 15 mm. Assured switch-off distance (Sar) 20 to 37 mm.

IMAGE 2/3

ORDERING KEY

| | 122V62 | 122271 | 12227102 |
|--|--------|--------|----------|
| Plastic housing M12 | X | X | X |
| M12x1 connector, 4-pin, plastic | - | - | - |
| M8x1 pigtail and connector, 4-pin | - | - | X |
| Connection cable 1m* | X | X | - |
| N.O./N.O. contacts | X | - | - |
| N.O./N.C. contacts | - | X | X |
| Coded | - | - | - |
| Uncoded | X | X | X |

* Other cable lengths, cable materials and connector types on request

IMAGE 3/3

MATCHING ACTUATORS

| Actuators | Actuation direction | 122V62 | | | 122271 | | | 12227102 | | | | |
|----------------|---------------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--|--|
| | | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} | | |
| 324 795 | Front | 0.5 | 7 | 20 | - | - | - | - | - | - | | |
| 300 785 | | - | - | - | 0.5 | 15 | 37 | 0.5 | 15 | 37 | | |

Características do artigo

| Attribute | 122V62 | 12227102 | 122270 | 122271 |
|-------------------------------------|---------------------------|----------|-------------------|--------|
| 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 | | - | 3 W |
| Switching frequency | 5 Hz | | - | 5 Hz |
| Assured switching distance (Sao) | 7 mm | 15 mm | 20 mm | 15 mm |
| Assured switch-off distance (Sar) | 20 mm | 37 mm | 40 mm | 37 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/NO | NO/NC | | |
| Pollution degree | 3 | | - | 3 |
| Protection class | III | | - | III |
| Coding acc. to EN ISO 14119 | Low | | | |
| B10d acc. to EN ISO 13849-1 | 20000000 | | | |
| Type acc. to EN ISO 14119 | 3 | | 4 | 3 |
| Mission time in years | 20 a | | | |
| Structure acc. to EN ISO 13849-1 | Two-channel | | | |
| Housing design | cylindrical | | | |
| Dimensions | M12 x 46 mm | | | |
| cannot be mounted flush | yes | | | |
| Detent present | no | | | |
| Housing material | PBT | | | |
| Cable material | PVC | | | |
| Nut material | PBT | | - | PBT |
| Housing colour | schwarz | | | |
| Protection class | IP67 / IP69K DIN EN 60529 | | IP67 DIN EN 60529 | |

Características do artigo

| Attribute | 122V62 | 12227102 | 122270 | 122271 |
|---|---------------|---|------------------|------------|
| Protection class, connector | – | IP67 DIN EN 60529 (screwed) - IP65 DIN EN 60529 (plugged) | – | |
| Operating temperature min. | -25 °C | | | |
| Max. operating temperature | 75 °C | | | |
| Min. cable temperature range, moving | -5 °C | -25 °C | – | -5 °C |
| Max. cable temperature range, moving | 70 °C | 90 °C | – | 70 °C |
| Min. cable temperature range, fixed installation | -25 °C | | – | -25 °C |
| Max. cable temperature range, fixed installation | 70 °C | 90 °C | – | 70 °C |
| Shock resistance (Norm) | 30g / 11ms | | – | 30g / 11ms |
| Vibration resistance (Norm) | 10 - 55Hz | | – | 10 - 55Hz |
| Min. storage temperature | -25 °C | | | |
| Max. storage temperature | 75 °C | | | |
| Mounting type | Fastening nut | | | |
| Thread | M12 | | | |
| Connector type | – | M8x1 - 4 polig | – | |
| Cable length | 1 m | 0.1 m | 1 m | |
| Number of strands | 4 | | | |
| Wire cross section | 0.25 mm² | | | |
| Cable type | – | | LIYY 4 x 0,25 mm | – |
| CE label | yes | | | |
| Possible actuators | 324795 | 300785 | – | 300785 |