



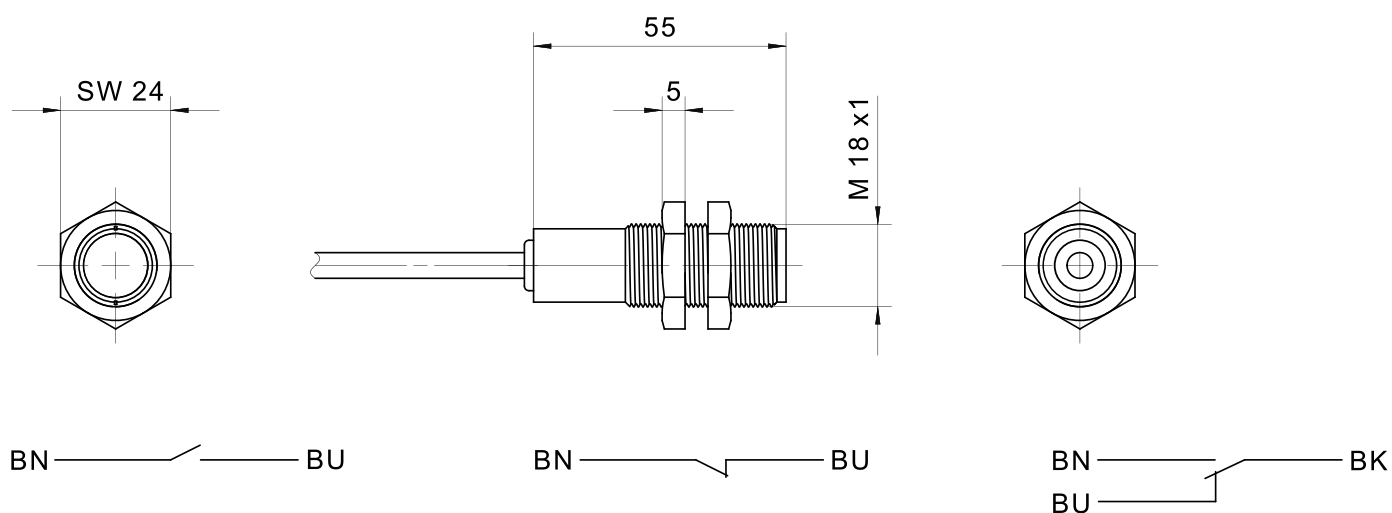
Sensor de proximidade magnético 120

Especificação Técnica

- Sensor magnético
- Rosca externa para rápida instalação
- Carcaça em poliamida (PA)
- Rosca M18 x 55 mm
- Cabo em PVC

Desenho técnico

IMAGE 1/1



Product options

IMAGE 1/2



TYPICAL SWITCHING DISTANCES

| | 120210 | | | 120220 | | | 120230 | | |
|-----------|--------|-------|-------|--------|-------|-------|--------|-------|-------|
| ACTUATORS | L1 | L2 | L3 | L1 | L2 | L3 | L1 | L2 | L3 |
| 324790 | 10 mm | 10 mm | 5 mm | 6 mm | 5 mm | - | 12 mm | 9 mm | - |
| 300790 | 14 mm | 13 mm | 8 mm | 11 mm | 9 mm | - | 15 mm | 12 mm | 7 mm |
| 300780 | 22 mm | 18 mm | 15 mm | 16 mm | 14 mm | 10 mm | 24 mm | 14 mm | 12 mm |

Further actuators and switching distances on request

IMAGE 2/2

ORDERING KEY

| 120 | | | Magnetic sensor, reed contact |
|-----|-----|-----|--|
| | 210 | | N.O. – cable connection 1 m |
| | 220 | | N.C. – cable connection 1 m |
| | 230 | | C.O. – cable connection 1 m |
| | | | Other electrical data on request |
| | | | |
| | | | Other available cable lengths |
| | | -3 | 3 m |
| | | -5 | 5 m |
| | | -10 | 10 m |
| | | | Other cable materials and cable lengths on request |

Características do artigo

| Attribute | 120230 | 120210 | 120220 |
|--|-------------------|--------|----------|
| Max. switching voltage | 48 V DC | | |
| Max. switching voltage | 48 V AC | | |
| Max. switching current | 0.3 A | 1 A | |
| Max. switching power | 3 W | 20 W | |
| Technology | Reed | | |
| Contact form | CO | NO | NC |
| LED display | No | | |
| Actuation | arbitrary | | |
| Switching principle | magnetic | | |
| Dimensions | M18x1 L=55 | | |
| Housing design | cylindrical | | |
| Housing material | PBT GF30 | PA6 | PBT GF30 |
| Nut material | PBT | | PA6 |
| Cable material | PVC | | |
| Protection class | IP67 DIN EN 60529 | | |
| Operating temperature min. | -25 °C | | |
| Max. operating temperature | 75 °C | | |
| Min. storage temperature | -25 °C | | |
| Max. storage temperature | 75 °C | | |
| Min. cable temperature range, moving | -5 °C | | |
| Max. cable temperature range, moving | 70 °C | | |
| Min. cable temperature range, fixed installation | -25 °C | | |
| Max. cable temperature range, fixed installation | 70 °C | | |
| Mounting type | Thread | | |
| Cable length | 1 m | | |