

CAPACITIVE SENSORS M30 x 1.5

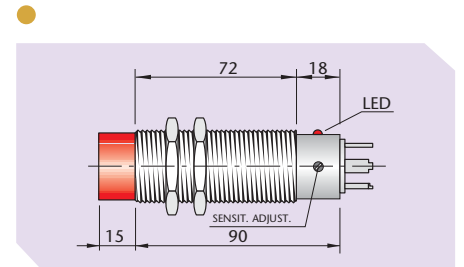
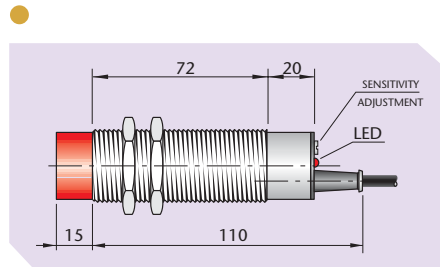


CYLINDRICAL HOUSING METALLIC
4 WIRES D.C.
VERSION-C

- ▲ **EMBEDDABLE** (FLUSH MOUNTING)
- **NOT EMBEDDABLE** (NON FLUSH MOUNTING)

TECHNICAL CHARACTERISTICS

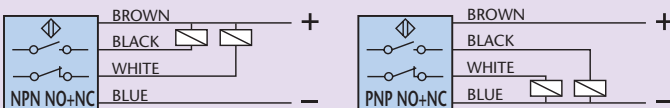
Dimensions mm



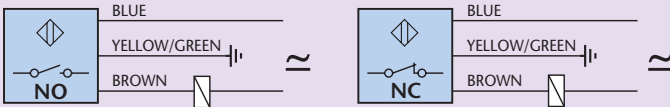
| AMPLIFIED 4 WIRES D.C. ANTI-PHASE | NPN | NO+NC | SC30M - CE25 NPN NO + NC | SC30M - CE25 NPN NO + NC K |
|---|-----|-------|--------------------------|----------------------------|
| | PNP | NO+NC | SC30M - CE25 PNP NO + NC | SC30M - CE25 PNP NO + NC K |
| AMPLIFIED 2 WIRES A.C./D.C. | | NO | | |
| | | NC | | |
| Switching distance (Sn) adjustable | mm | | 0 ÷ 25 | 0 ÷ 25 |
| Continuous voltage (residual ripple ≤10%) | V | | | 10 ÷ 55 |
| Alternating voltage 50÷60 Hz | V | | | |
| Hysteresis (%Sn) | mm | | | In relation to Sn |
| Switching frequency | Hz | | | 10 |
| Repeatability (at constant temperature) | mm | | | < 1 |
| Max output current | mA | | | 300 |
| Min output current | mA | | | |
| Max peak current for 20 ms | A | | | |
| Absorption at 24Vdc | mA | | | ≤ 10 |
| Residual current | mA | | | |
| Voltage drop (sensor ON) | V | | | < 1.8 |
| Short circuit protection | | | | Incorporated |
| Led | | | | Incorporated |
| Temperature limits | °C | | | - 20 ÷ + 70 |
| Degree of protection | IP | | 67 | 65 |
| Housing | | | | Nickelled brass |
| Cable PVC | 2m | | 4 x 0.25 mm ² | |
| Connector plug | | | H (on request) | K (type 12) |
| Protection housing | | | | Possible mounting (SCM-K) |

WIRING DIAGRAMS

VERSION C



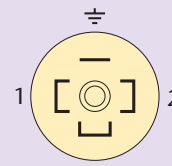
VERSION A



N.B.: On request is available cable for sensors with different length
3.5 - 7.5 - 5 - 10 metres.

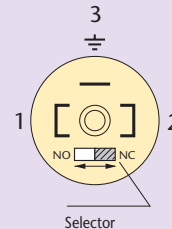
CONNECTION WITH K PLUG

FOR CONNECTORS TYPE 12 (PAGE 85)



VIEW OF MALE CONNECTOR K

1 = Blue / -
2 = Brown / +
4 / ⚡ = Black / Output NPN - PNP / NO
3 = White / Output NPN - PNP / NC



VIEW OF MALE CONNECTOR K

1 / 2 = ≈ NO - NC Programmable

To locate additional product specifications and technical drawings go to www.asi-ez.com