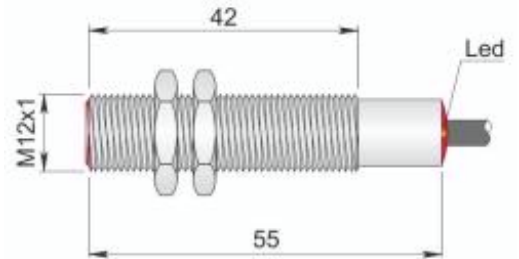




**Part number: Y12000032 - Model: SI12-C2 PNP NO+NC AD3**



Dimension in mm

**TECHNICAL CHARACTERISTICS**

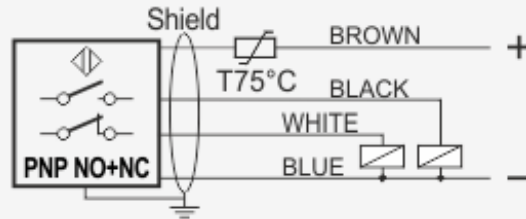
|   |  |
|---|--|
| Power supply:                           | Direct current                           |
| Working voltage:                        | 10 ÷ 30 Vdc                              |
| Switching distance (mm):                | 2  |
| Output logic:                           | PNP                                      |
| Function:                               | NO+NC                                    |
| Hysteresis (%Sn):                       | < 10%                                    |
| Max. switching frequency:               | 1000 Hz                                  |
| Repeatability (%Sn):                    | < = 3                                    |
| Max. output current:                    | 100 mA                                   |
| Absorption:                             | < 15 mA @ 24Vdc                          |
| Voltage drop:                           | < 1.8 V                                  |
| Short circuit protection:               | Present                                  |
| Led indicator:                          | Present                                  |
| Operating temperature range:            | -25 ÷ +60 °C                             |
| Storage temperature range:              | -25 ÷ +70 °C                             |
| Max. surface temperature:               | +85 °C                                   |
| Mechanical characteristics:             | M12x1                                    |
| Connection type:                        | Cable 3 m                                |
| Limiting device of surface temperature: | Intervention at 75 ° C non-resettable    |
| IP rating:                              | IP67                                     |
| Cable type:                             | 4x0.25 PVC shielded                      |
| Weight:                                 | 100g                                     |
| Explosive atmosphere type:              | Air/Dust mixture                         |
| Equipment category:                     | 3D                                       |
| Installation area:                      | Zone 22                                  |
| Protection method:                      | Protection by enclosure                  |
| Marking:                                | II 3D Ex tc IIIC T85°C Dc IP67 X -25< Ta |
| Conforming standard:                    | EN60079-0 e EN60079-31                   |



Part number: Y12000032 - Model: SI12-C2 PNP NO+NC AD3

## WIRING DIAGRAM

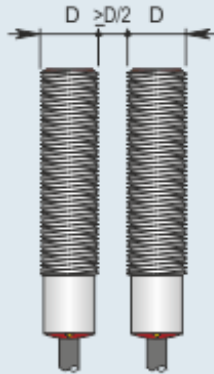
### 4 WIRES CABLE - LOGIC PNP NO+NC



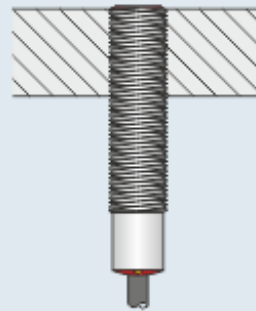
## INSTRUCTIONS FOR CORRECT INSTALLATION

### INSTRUCTIONS FOR CORRECT INSTALLATION

#### EMBEDDABLE



Side by side mounting



Flush mounting