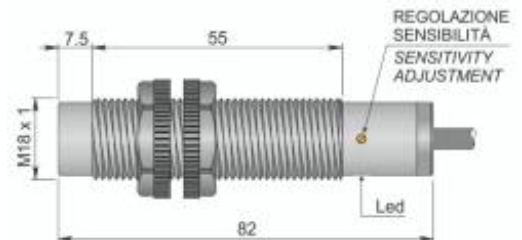




**Part number: YC8000032 - Model: SC18SP-AE10 NO AD3 LC5**

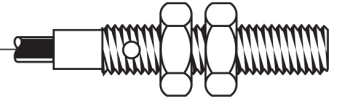


Dimension in mm

### TECHNICAL CHARACTERISTICS

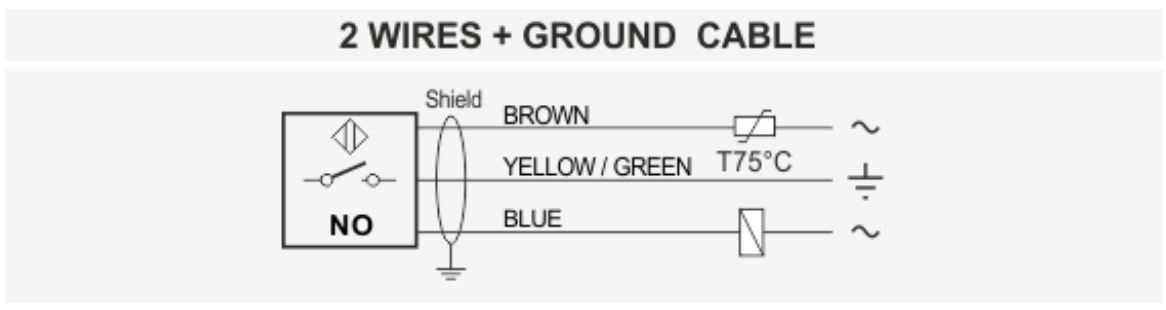
|   |   |
|---|---|
| Working voltage:                        | 20 ÷ 250 Vac  |
| Output type:                            | AC  |
| Function:                               | NO  |
| Actuation type:                         | Instantaneous   |
| Sensing distance (mm):                  | 0 ÷ 10 (adjustable)   |
| Hysteresis (%):                         | < = 20  |
| Max. switching frequency:               | 10 Hz   |
| Repeatability (%Sn):                    | < 10  |
| Max. output current:                    | 300 mA  |
| Min. output current:                    | 10 mA (minimum current for release)                             |
| Max. peak current for 20msec:           | 1.5 A   |
| Residual current:                       | < = 1 mA  |
| Voltage drop:                           | < 6 V   |
| Led indicator:                          | Yellow  |
| Shielded:                               | Not embeddable  |
| Mechanical characteristics:             | M18X1   |
| IP rating:                              | IP 67   |
| Housing material:                       | Polycarbonate   |
| Connection type:                        | Cable 5 m   |
| Cable type:                             | 3x0.35 PVC shielded   |
| Weight:                                 | 360 g   |
| Operating temperature range:            | -25 ÷ +60 °C  |
| Storage temperature range:              | -25 ÷ +70 °C  |
| Max. surface temperature:               | +85 °C  |
| Limiting device of surface temperature: | Intervention at 75 ° C non-resettable                           |
| 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 X-25< Ta                              |
| Conforming standard:                    | EN60079-0, EN60079-31, EN61000-6-2, EN61000-6-4 and EN60947-5-2 |





Part number: YC8000032 - Model: SC18SP-AE10 NO AD3 LC5

**WIRING DIAGRAM**



**INSTRUCTIONS FOR CORRECT INSTALLATION**

