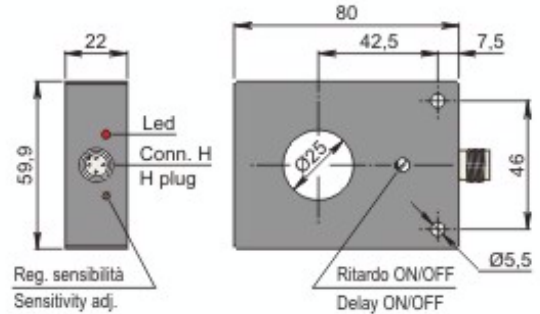




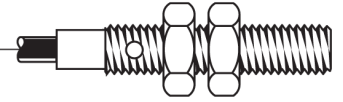
Part number: SIA000152 - Model: SIA25-C PNP NO+NC H R



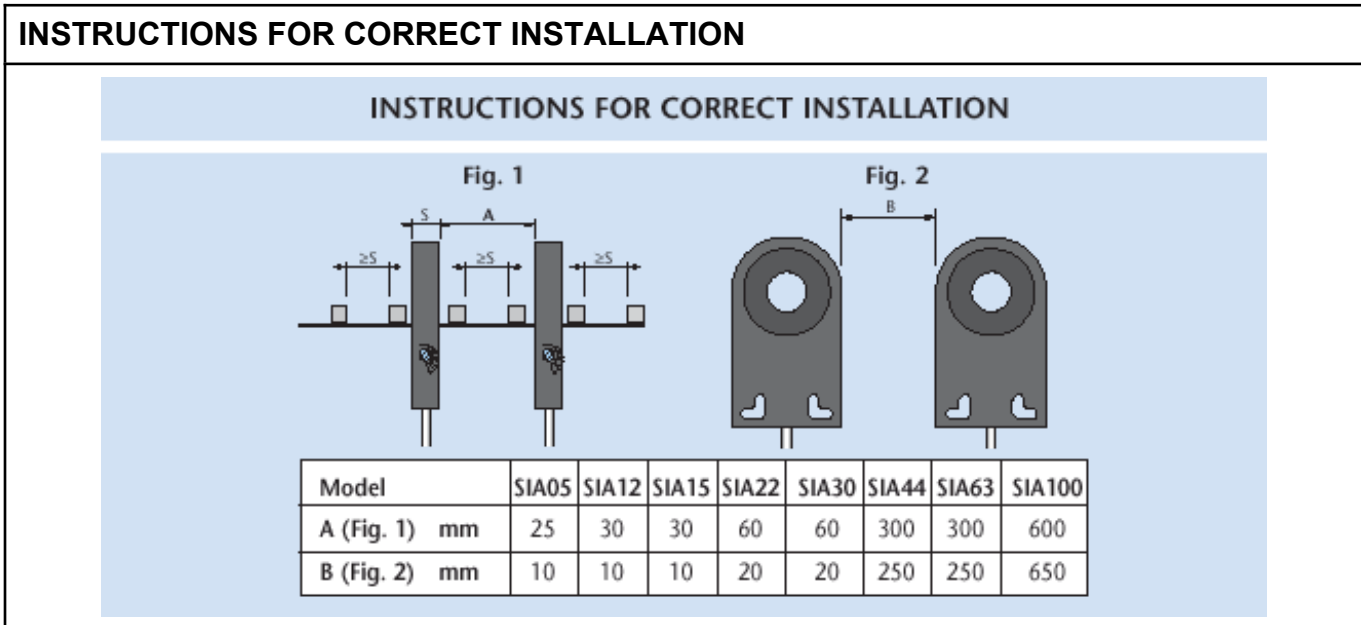
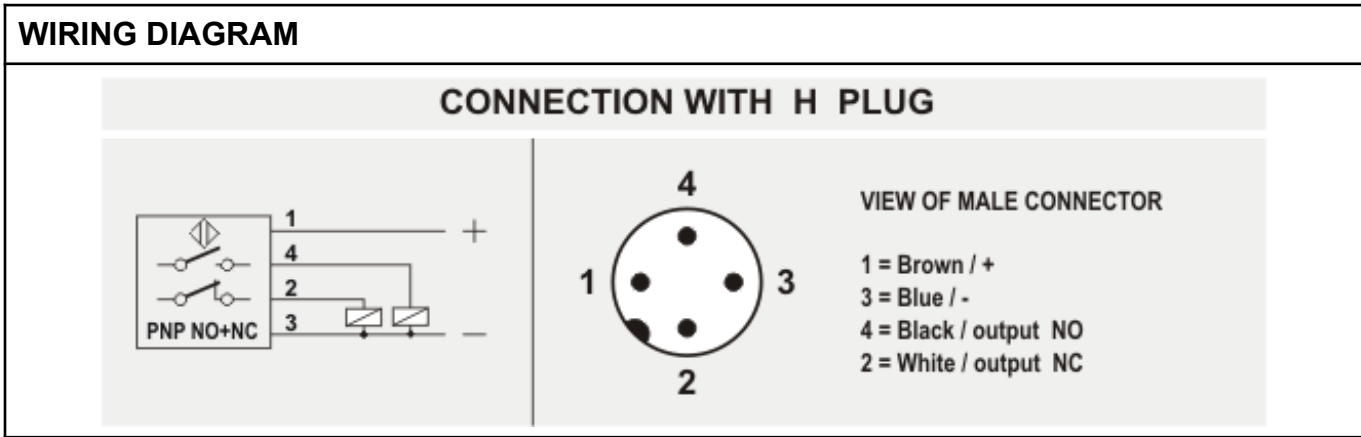
Dimension in mm

TECHNICAL CHARACTERISTICS

| | |
|---------------------------------|-----------------------------------|
| Power supply: | Direct current |
| Working voltage: | 10 ÷ 30 Vdc |
| Sensing hole diameter (mm): | 25 |
| Minimum detectable object (mm): | Ø 4 x 7 |
| Output logic: | PNP |
| Function: | NO+NC |
| Hysteresis (%Sn): | Depends on the sensitivity |
| Max switching frequency: | See instructions for installation |
| Delay ON de-energization: | 100 mSec (when inserted) |
| Repeatability (%Sn): | < = 0.3 |
| Max output current: | 200 mA |
| Absorption: | < 15 mA @ 24Vdc |
| Voltage drop: | < 1.8 V |
| Short circuit protection: | Present |
| Led indicator: | Present |
| Temperature limits: | -20 ÷ +60 °C |
| IP rating: | Depending on connector |
| Housing material: | Plastic |
| Mechanical characteristics: | SIA25 59.9x80x22 |
| Connection type: | H plug |
| Weigth: | 150 g |



Part number: SIA000152 - Model: SIA25-C PNP NO+NC H R



MIN. DIMENSIONS OF THE OBJECT TO DETECT (Fe37)

| Model | SIA25 | |
|----------|-------|---|
| Lenght | mm | 7 |
| Diameter | mm | 4 |

SWITCHING FREQUENCY

The switching frequency of inductive ring sensors depends on delayed impulse time (**when inserted**) according to the formula :

$$\text{Switching frequency (Hz)} = \frac{1}{(T \text{ impulse} + 10) \text{ mS}}$$

Vice versa, the switching frequency will be between 600+800 Hz.