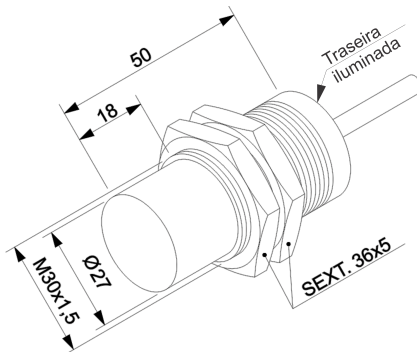


# Standard Inductive Sensors

PS15-30GI50-W3F\_CE



## Dimensions(Unit:mm)



## Technical Features

| Signaling                          |                                            |
|------------------------------------|--------------------------------------------|
| Signalling                         | Back led                                   |
| Data Output                        |                                            |
| Electrical connection              | AC                                         |
| Contact Type                       | NC                                         |
| Max. switching current             | 500 mA                                     |
| Sensor voltage drop (load powered) | <2 V                                       |
| Max. switching frequency           | 10 Hz                                      |
| Electrical Characteristics         |                                            |
| Supply voltage                     | 90 to 250Vac                               |
| In rush current                    | 4 A                                        |
| Supply frequency                   | 50...60 Hz                                 |
| Electrical Connection              |                                            |
| Electrical connection              | Cable                                      |
| Cable length                       | 2 m PVC                                    |
| Cable length options               | PVC 6 m PVC 10 m PVC 15 m PVC 20m PVC 25 m |
| Number of wires                    | 3 Fios                                     |
| Housing                            |                                            |

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Enclosure                     | threaded; brass with nickel plating           |
| Tube length options           | 70 mm                                         |
| Operating temperature         | - 25 °C to + 70 °C                            |
| Protection class              | IP67, IP69K                                   |
| Housing options               | GX (stainless steel), GT (PTFE), GP (plastic) |
| Tube length                   | 50 mm                                         |
| Recommended tightening torque | 3 Nm                                          |

#### Mechanical Characteristics

|                            |                         |
|----------------------------|-------------------------|
| Diameter                   | M30                     |
| Sensing distance Sn        | 15 mm                   |
| Mouting                    | Not flushed             |
| Hysteresis                 | ± 5 %                   |
| Repeatability              | <0,01 mm                |
| Operational distance       | 12,15 mm                |
| Standard object            | 45x45 mm                |
| Weight                     | 205 g                   |
| Thread type                | M30 x 1,5mm             |
| External diameter of cable | 4 mm                    |
| Application                | Common industrial areas |

## ORDERING DETAILS

| Description        | TE Part Number       |
|--------------------|----------------------|
| PS15-30GI50-W3F_CE | <b>6000008939-SE</b> |

#### Accessory: Bracket - Bracket for Tubular Sensors

| Part Number          | Model | Application                     | Material            | Fixation                     |
|----------------------|-------|---------------------------------|---------------------|------------------------------|
| <b>5000010249-SE</b> | MS-30 | assembly of M30 tubular sensors | 304 stainless steel | through included M5x1 screws |

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