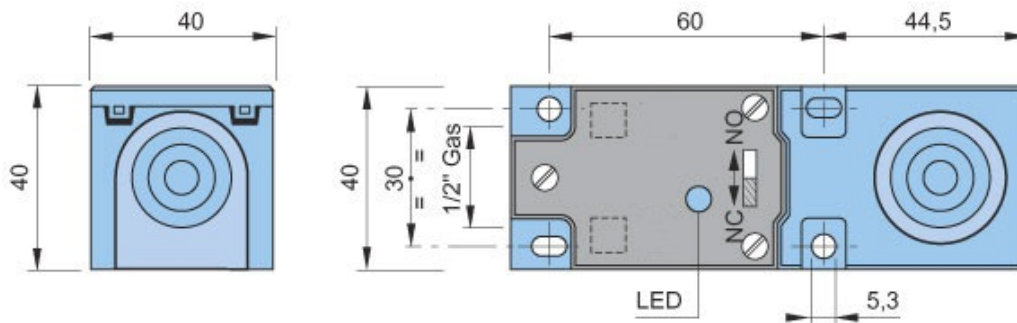


Part number: **SIP000084** Model: **SIP40-A15 NO/NC**



Dimension in mm

## 1. TECHNICAL CHARACTERISTICS



| Electrical data                |  |
|--------------------------------|--|
| Power supply type:             | Alternating current  |
| Working voltage: [V]           | 20 ÷ 250   |
| Protection class:              | III  |
| Outputs                        |  |
| Function:                      | NO/NC programmable   |
| Max voltage drop: [V]          | < 6  |
| Max output current: [mA]       | 300  |
| Minimum output current: [mA]   | 5  |
| Max peak current: [A]          | 1.5  |
| Residual current: [mA]         | < 1  |
| Max switching frequency: [Hz]  | 12   |
| Detection zone                 |  |
| Switching distance-Sn: [mm]    | 15   |
| Real sensing distance-Sr: [mm] | 15 ±10%  |
| Operative distance-So: [mm]    | 0 ÷ 12.15  |
| Accuracy and Deviations        |  |
| Correction factor:             | Stainless steel: 0.9 - Brass: 0.5 - Aluminium: 0.4 - Copper: 0.4 |
| Hysteresis: [%Sr]              | < 10   |
| Switching point drift: [%Sr]   | -1   |
| Repeatability: [%Sn]           | < 3  |
| Environmental conditions       |  |
| Temperature limits: [°C]       | -25/+70  |
| IP rating:                     | IP65   |
| Display and control elements   |  |
| Display:                       | Output switching status - 1 x LED: Yellow                        |

#### Mechanical data

|             |      |  |
|-------------|------|--|
| Housing:    |      | Parallelepiped                           |
| Dimensions: | [mm] | 40 x 40 x 114                            |
| Materials:  |      | Housing: PC blue - Sensing area: PC blue |
| Mounting:   |      | Embeddable                               |
| Weight:     | [g]  | 200                                      |

#### Electrical connection

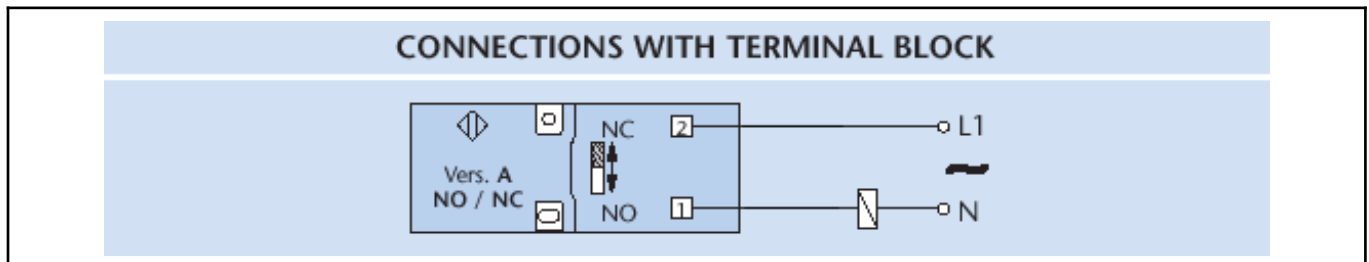
|                 |  |                       |
|-----------------|--|-----------------------|
| Terminal block: |  | 2-pole terminal block |
|-----------------|--|-----------------------|

#### Compliance to Standards / Directives

|                        |  |  |
|------------------------|--|--|
| Directives compliance: |  | 2014/30/EU -Electromagnetic compatibility directive (EMC)<br>2014/35/UE -Low voltage directive (LVD) |
| Standards compliance:  |  | EN60947-5-2 - Product standard   |

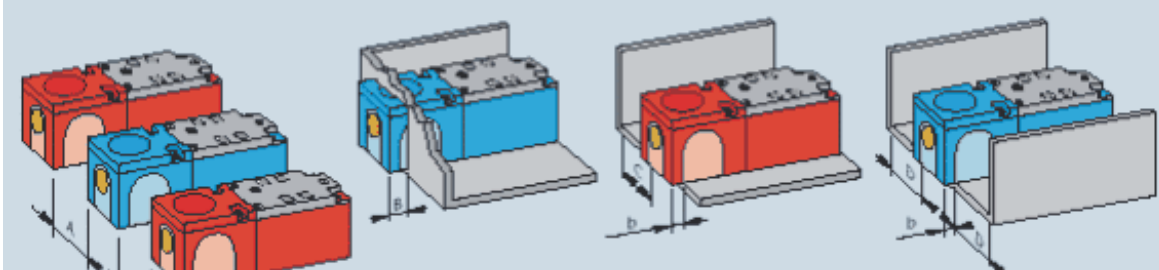
## 2. NORME DI INSTALLAZIONE

### WIRING DIAGRAM



### INSTRUCTIONS FOR CORRECT INSTALLATION

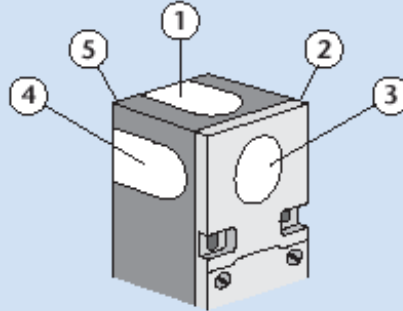
**INSTRUCTIONS FOR CORRECT INSTALLATION**



• The installation example makes reference to the areas marked yellow

| Dimensions mm | AB  | b   | C   | D   |     |
|---------------|-----|-----|-----|-----|-----|
| SIP 40 ▲      | ≥30 | ≥6  | ≥0  | ≥0  | ≥0  |
| SIP 40 ●      | ≥50 | ≥40 | ≥15 | ≥10 | ≥15 |

Titolo img 1

**ADJUSTABLE SENSITIVITY SIP 40**

NOTE: In the SIP 40 sensor the oscillator is contained in a module which clips into the body whose surface can then be sensitive on five different positions. The surface chosen can be identified by applying the circular adhesive label.