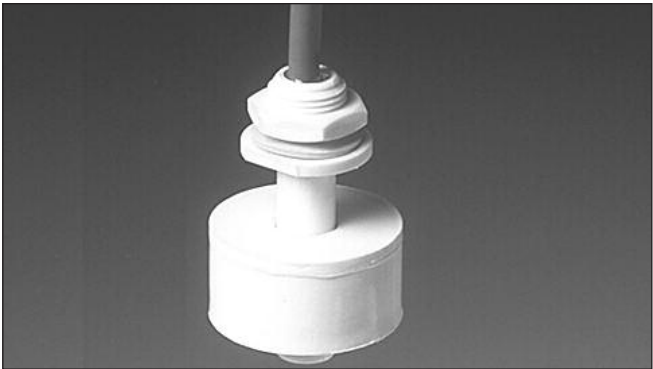


# Proximity Magnetic Sensors

## Level Magnetic Sensors

### ILSP Series



- Cylindrical non-toxic polypropylene housing
- NO, NC or CO output functions
- Reversible output function by float overturning
- Silicone cable output connection

### Product Description

The ILSP models, made of non toxic polypropylene with silicone cable output function, allow the change of the output function by turning the float or the rod.

### Ordering Key

**ILSP 8**

Type \_\_\_\_\_  
Reed contact type \_\_\_\_\_

### Type Selection

| Float diameter | Connection     | Output function | Reference  |
|----------------|----------------|-----------------|------------|
| Ø 44           | Silicone cable | NO, NC*         | ILSP 2     |
| Ø 44           | Silicone cable | NO, NC*         | ILSP 8     |
| Ø 44           | Silicone cable | CO              | ILSP S 2   |
| Ø 25           | Silicone cable | NO              | ILSP 3M S2 |

Diameters are specified in millimeters (mm)  
\*Reversible output function by float overturning

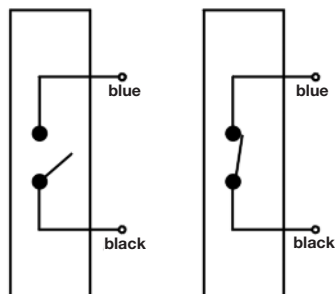
### Output Specifications

| Output                |             |
|-----------------------|-------------|
| ILSP2, ILSP8          | NO, NC      |
| ILSPS2                | Change-over |
| ILSP3MS2              | NO          |
| Contact ratings       |             |
| Max Switching Voltage |             |
| ILSP2                 | 250 VAC     |
| ILSP8                 | 1500 VAC    |
| ILSPS2                | 220 VAC     |
| ILSP3MS2              | 500 VAC     |
| Max Switching Current |             |
| ILSP2                 | 3 A         |
| ILSP8                 | 3 A         |
| ILSPS2                | 1 A         |
| ILSP3MS2              | 0.5 A       |
| Max Switching Power   |             |
| ILSP2                 | 100 VA      |
| ILSP8                 | 120 VA      |
| ILSPS2                | 60 VA       |
| ILSP3MS2              | 10 VA       |

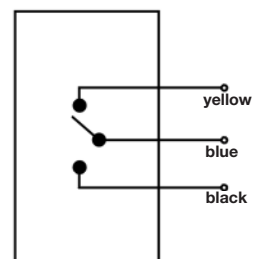
### General Specifications

| Ambient temperature         |                           |
|-----------------------------|---------------------------|
| Operating                   |                           |
| ILSP2, ILSP8, ILSPS2        | -25 to +100 °C            |
| ILSP3MS2                    | -20 to +80 °C             |
| Environment                 |                           |
| Degree of protection        | IP 68 (cable output IP67) |
| Float                       |                           |
| Diameter                    |                           |
| ILSP2, ILSP8, ILSPS2        | Ø 44 mm                   |
| ILSP3MS2                    | Ø 25 mm                   |
| Material                    |                           |
| ILSP Series                 | Plastic                   |
| Min liquid specific gravity |                           |
| ILSP3MS2                    | 0.65 kg/dm <sup>3</sup>   |
| ILSP2, ILSP8, ILSPS2        | 0.75 kg/dm <sup>3</sup>   |
| Max pressure                |                           |
| ILSP3MS2                    | 2 kg/cm <sup>2</sup>      |
| ILSP2, ILSP8, ILSPS2        | 6 kg/cm <sup>2</sup>      |
| CE-marking                  | Yes                       |

## Wiring Diagrams

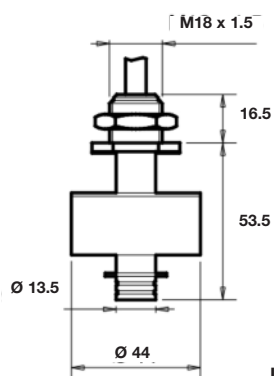


Output function Bistable

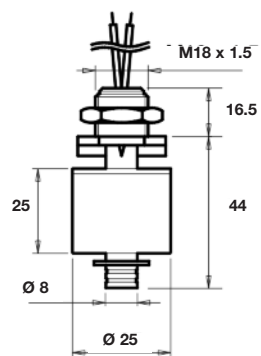


Output function CO and BCO

## Dimensions



ILSP2 ILSP8 ILSPS2



ILSP3MS5

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