

### Key Features

- Acid resistance
- Oxide deposition free
- Electrolysis free
- Low consumption
- Little space
- Easy locking system
- High reliability
- Low cost
- Battery powered applications

### User's Note

The SPL-409 device is a capacitive level sensor that detects the liquid presence between its two inox steel reading probes.

Equipped with an internal variable frequency oscillator that periodically reverses probes polarity, the SPL-409 device is totally free from electrolysis and oxide deposition phenomena.

The PVC enclosure assures a very high resistance to corrosive actions due to acid .

At liquid absence condition between reading probes, a 5Vdc voltage (HIGH level) is present on pin 3 (green) of the output connector.

The presence of liquid between reading probes puts a 0Vdc (LOW level) on pin 3 (green) of the output connector

The SPL-409 device requires operative consumptions lower than 400uA@9Vdc so it is recommended for employs on battery powered applications.

### Technical Characteristics

#### ELECTRICAL

Supply : 9 Vdc +/-10%  
 Consumption : < 400 uA  
 Output : LOW Level - liquid present  
 HIGH Level – liquid absent

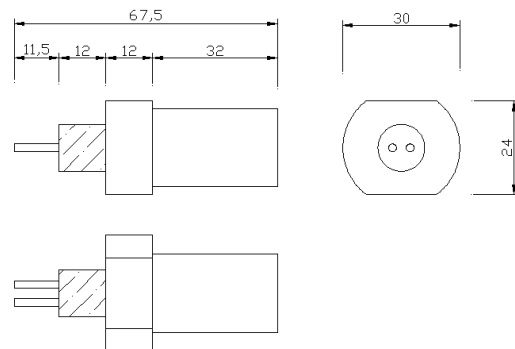
#### MECHANICAL

Dimensions : 67 x 30 mm  
 Lock : 3/8' - GAS  
 Weight : 80 grams  
 Materials : PVC, resin  
 Color : black

#### CONNECTIONS

Connector : MOLEX 3p Female (p. 2,54)  
 Pin assignment  
     pin 1 GND (white)  
     pin 2 VCC (red)  
     pin 3 Output (green)

### Mechanical Layout (Unit: mm)



Cable Length 15 cm