

## ASA-02: (1 THRESHOLD) OMNI-DIRECTIONAL PROGRAMMABLE LEVEL SENSOR (TILT ALARM)



This is the first unit equipped with a static angle sensor, managed by an inside microcontroller.+  
Specifically designed for applications on access platforms and mobile scissors. Its compact design and easy installation together with the lack of inside mobile components offer a unique rugged solution, resumed in its 1000 g's proof.  
Suitable where true 360° level sensing is required, its basic control function consists in generating an output signal when a programmed angle threshold is reached.  
The microcontroller computing enables a correct intervention also for intermediate orientation of the structure between X-Y axis.  
A seal on the top of the unit allows to handle 2 switches for its calibration, consisting in  
automatic horizontal zeroing (to gravity reference)  
trip point by self-setting  
time delay setting  
Correct programming is enabled by a guidance led.



### TECHNICAL DATA

- Highest reliability by using static components.
- Mosfet static output for 0,5 Amp resistive load rating
- Operating Power Supply Voltage: 9 - 30 VDC
- 1,5 mt length lead wire is included for electrical supply and ON/OFF output.
- Protection: IP67
- Vibrations endurance: 10 g @ 50Hz, 1000 g's shock proven.
- Operating temperature range: from -20°C to +70°C (from -4°F to +158°F)
- Red/green led for programming mode and self test or output monitor
- Inside switches for calibration and start-up.
- Accuracy 0.2°
- Is made in conformity with the following directives and standards : EN 50081-2 and EN 50082-2.

### **MECHANICAL DIMENSIONS:**



