

ASA-04: OMNI-DIRECTIONAL PROGRAMMABLE LEVEL SENSOR (TILT ALARM) (4 AXIS +X/-X/+Y/-Y)



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.

The basic control function consists in generating an output signal when, one of four 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 EMC CE standards : EN 50081-2 and EN 50082-2.

MECHANICAL DIMENSIONS:



