



### Description

- Programmable digital device able to measure the tilt on two axes
- Available axes (two) and semi-axes (four) digital outputs
- Programmable delay management
- Safety: Category 3 (EN 954-1)
- Can be supplied pre-programmed at standard values
- Working range configurable on request (from  $-20^{\circ}$  to  $+20^{\circ}$ )
- Planarity output with polarized free/safe or positive relay contact
- Axis and semiaxis outputs with relay or transistors
- Hardware and software filters to remove vibrations and interferences
- Inputs and outputs protected against polarity reversal, over voltages and short circuits
- The device is housed in a tough and compact polymer shell
- No moving parts
- Simple zero wire to calibrate the device relative zero

### Options:

- CAN bus connection
- RS-232 serial port for Psion™/PC
- Digital input for secondary alarm level selection
- Transistor auxiliary output (pre-alarm)

### Technical data

Power supply	9 to 56 <sup>(*)</sup> Vdc	
Planarity output maximum current	2.0 A @ 50 °C (1.5A @ 70 °C) <sup>(*)</sup>	
Axes and semi-axes maximum current	Transistor outputs: 2.5 A	Relay outputs: 2.0 A @ 50 °C <sup>(*)</sup>
Auxiliary output maximum current	2.5 A	
Power draw <sup>(♥)</sup>	100 mA	250 mA
Intervention range	from $-20^{\circ}$ to $+20^{\circ}$ on every axis	
Resolution	$\pm 0.1^{\circ}$	
Temperature drift (zero point)	$\pm 0.002$ degree/°C	
Operating temperature	from -20 to +70 °C	
Standard protection grade	IP 66	
Standard cable length	30 cm	

<sup>(\*)</sup> Maximum current: 3 A on the whole declared thermal range, electrical protection with external fast-burning fuse

<sup>(♥)</sup> Outputs loads not included

<sup>(\*)</sup> Do not connect to 48 Vdc battery charger

### Dimensions [mm]

