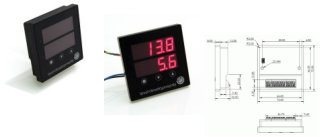
PDTS - Dual Axis Panel Mount Display And Tilt Switch





PDTS - Dual Axis Panel Mount Display And Tilt Switch Low cost dual axis panel mount inclinometer display and tilt switch. USB interface with free Windows based application. CE and FCC certified and RoHS compliant for monitoring angle and configuration

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PDTS - Dual Axis Panel Mount Display And Tilt Switch

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- Low cost dual axis panel mount inclinometer display and tilt switch
- 4 Digit LED Display. High contrast with wide
  viewing angle, and adjustable brightness
  • Dual axis simultaneous display
  • Programmable alarm function with 2 individually
  programmable relay outputs
  • Compatible with many of our inclinometer sensors
  • Display resolution adjustable with 0, 1, 2 or 3
  decimal places)
  • USB interface with free Windows based application
  for monitoring angle and configuration
  • Sturdy low profile aluminium Housing
  • Designed for panel mounting. IP65 sealed
  from front side when mounted with gasket
  and clamps supplied.
  • Operating temperature -40 to +85°C
  • CE and FCC certified and RoHS compliant

Description

The PDTS display is a high quality low cost display unit for displaying angle in both X and Y axis (pitch and roll) to the operator. It can interface with many of our inclinometer
sensors depending on the requirements for the application. The high contrast LED display is viewable in low light and direct sunlight, and the LED brightness is adjustable. It is
designed to be panel mounted and is supplied with a sealing gasket and hardware for mounting on plates between 1mm and 10mm thick.
As well as displaying angle it also has a built in tilt switch functionality. The two on board relays can be configured to operate when a certain angle is exceeded in the X or Y
axis (or both), in either the positive or negative direction (or both). It is highly configurable with adjustable threshold, hysteresis and delay.
There is also a USB interface to allow the angle to be monitored or logged on a PC. The devices can be factory configured for OEM applications, or user configured using
the simple Windows based configuration application supplied free of charge with this product.
DC Power is supplied to the display, which in turn will provide power to the sensor, simplifying the wiring requirements.
Connection is via spring release terminal block for simple and secure wiring.

Parameter	Value	Unit
Number of Axis	2	-
Display Type	2 x 4 digit LED	-
Display Output	2 x SPCO Relay and USB	-
Power Source	External DC supply	-
Weight	200	Grams
Display Size	72x72x23.5	mm
Display Weight	200	g
Display Case Material	Aluminium	-
Operational Temperature Range	-40 to 85°C	°C
Storage Temperature Range	-40 to 85°C	°C
Display Seal Rating	IP65 (when panel mounted)	-

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