

TR-KT-USB-PM

TR-KT-USB-PM Industrial USB keypad data entry device



This panel mount keypad/touchpad has been designed for industrial applications where moisture and dust are present. It is spill proof and has NEMA 4X environmental ratings. Very reliable design with MTBF in excess of 10 years.

This keypad has durable silicon rubber with “dura-coat” protection. It features carbon-on-gold switch technology with long stroke (1.5 mm) with extremely good tactile feeling. The touchpad is fully sealed and when panel mounted the entire keypad is hose spray proof.

NVIS compliant adjustable backlight on the keys is optional. It is useful for the data entry during night time on the ships, moving vehicles and aircrafts.

Features

- Industrial fully sealed keyboard/keypad
- Hose proof, resists high pressure spray
- Excellent tactile touch
- Highly reliable data entry device
- Easy installation
- Compatible with all Windows and Linux, Unix, Mac OSX, Vxworks, Android

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Specifications

Supply voltage

- 5VDC +/- 5%

Current rating

- 50 mA, 150 mA with backlight option

Key life

- > 10 million actuations

MTBF

- > 50,000 hours

Compliance

- EMC/EMI: EN55022, EN 50081-1, EN 50082-1, ROHS, FCC, CE

Interface

- USB 2, cable length 1.5 meters terminated with USB Type A male connector

Software compatibility

- all Windows, Linux, Mac OSX, Vxworks, Android

Operating temperature

- -20C° to +65C°

Storage temperature

- -40C° to +80C°

Operating humidity

- RH 10% to 90% non-condensing

Long-term storage humidity

- 50% max.

Atmospheric pressure

- 60 to 106 Kpa

Order information

- TR-KT-USB-PM panel mount keypad/touchpad
- TR-KT-USB-PM-BACKLIGHT same with backlight option