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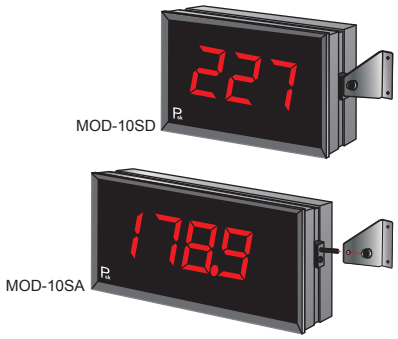
Psk® Controllers Ltd



MOD - 10S

Digital temperature meter

* Temperature meter:
* Number of segments: A: 3.5 digits D: 3 digits.
* Coating: Co: Coated Nil: Regular
* Sealed: Se: Sealed IP67 Nil: Flux proof
* Type: RTD: PT100.
* Segment height: 2.3", 4", 5", 7"
* Operation Voltage: 240, 110, 24VAC 50/60Hz.

General description

The MOD-10S is an advanced, low cost temperature meter, is designed for RTD's, both Pt. 0.00385 and 0.00392 curves for 100 Ohm with 3, or 4 wire connections for the highest accuracy .

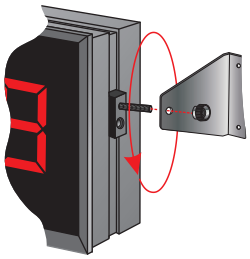
Technical Data

- Accuracy: O+0.5°C temp; 0.03% reading process
- Resolution: 1° /0.1°µV process
- Temperature Stability:
  (1) RTD: 0.04°C°/C
  (2) Process: 50 ppm/° C
- A/D Conversion: Dual slope
- Reading Rate: 3 samples per second
- Digital Filter: Programmable
- Display: 7 segment LED 2.3", 4", 5", 7" red / green and amber
- Polarity: Unipolar
- Step Response: 0.7 sec for 99.9%
- RTD Input : PT100 sensor 3 - or 4 wire;

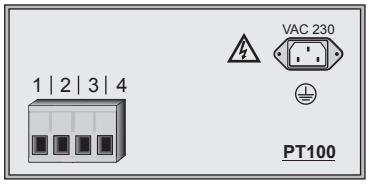
Installation

INSTALLATION ENVIRONMENT:
The unit should be installed in a location that does not exceed the operating temperature. Placing the unit near devices that generate excessive heat should be avoided. The unit should only be cleaned with a soft cloth and neutral soap product. Do NOT use solvents.Continuous exposure to direct sunlight may the front overlay. Do not use tools of any kind (screwdrivers, pens, pencils, etc). accelerate the aging process of to operate the keypad of the unit.

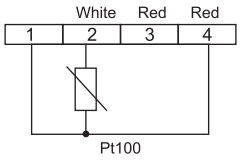
MOUNTING INSTRUCTIONS:
This display is designed to be wall mounted or suspended from a ceiling truss or other suitable structure capable of supporting the MOD-10S. Caution should be exercised when hanging the display to provide for the safety of personnel. If hanging the 10S, run the suspension cables (or chains) through the mounting bracket holes.



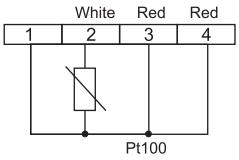
Back panel connection RTD



3 wired connection



4 wired connection



Safety summary

All safety regulations, local codes and instructions that appearin this and corresponding literature, or on equipment, must be observed to ensure personal safety and to prevent damage to either the instrument or equipment connected to it. If equipment is used in a manner not specified by the manufacturer,the protection provided by the equipment may be impaired.

The protective conductor terminal is bonded to condtive parts of the equipment for safety purposes and must be connected to an external protective earthing system.

CAUTION: Risk of Danger
Read complete instructions prior to installation and operation of the unit.

CAUTION: Risk of electric shock.

Ordering information

MOD-10S - Ns - Co - Se - H - V - C - L

Ns	Co	Se	H	V	C	L
4	1	1	2.3"	230VAC	black	indoor
6	R	F	4"	110VAC	white	outdoor
			7"	24VAC		

Ns: Number of segment
Co: 1 = Coted R = Regular
Se: 1 = Sealed IP67 F= Flux Proof
H : Segment digit
V : Operating Voltage
C : Box Color
L : Installation Location

10S Temperature

CE