



MOD - 7S10A

Voltage Indicator - 3.5 digits
Scaleable digital 0-100mV

The MOD-7S10A is an advanced, low cost voltage indicator, which provides measurement in applications where a scalable voltage input is needed. Any signal can be scaled to display directly in engineering units with one the wide ranging available. Scaling and calibrating MOD-7S10A is easily set. For example: 100mV full scale from shunt can be scaled to display 1500 ADC

General specifications

DISPLAY: 4 digit LED 0.56" (14.2 mm) high brightness.

POWER: wide range power supply options (refer to ordering information)

Decimal Point selection: from front panel

Accuracy: $\pm 0.1\%$ of reading ± 1 digit at 25°C

Stability: ± 50 ppm / °C

Input voltage protection: 650 VDC

Conform to standards: IEC 61010-1 Safety requirements

For measurement, control, and laboratory use, part 1.

CONNECTION:

silver alloy pluggable terminal Shrouded to prevent human contact.

Terminal: acc IEC 60947-7-1, IEC 60998-1

Terminal Capacity: 1x4mm without multicore cable end

1x0.5 to 2.5mm with/without multicore cable end.

MECHANICAL

Self-inguishing plastic housing, IP40 acc IEC 529

Mounted: front panel

IP rating: IP20 acc IEC 529

Terminal block: 4mm² 12AWG 250VAC

Box measures: 96x48 mm

AMBIEN CONDITIONS

Operation temperature -20°C ... +55°C

Storage temperature -25°C ... +70°C

Transport temperature -25°C ... +70°C

Relative humidity 15% ... 85% acc IEC 68-2-6

Vibration resistance 10 to 55 Hz (acc to IEC 68-2-6)

Shock resistance 15g 11ms (acc to IEC 68-2-27)

Wight: 348 gr

Technical Data

± 1999 (3½) count four scale

Low power requirement

Wide range power supply potion

Input voltage protection

Decimal point selected

Accuracies are specified at 25°C

Power consumption: 2.3 VA

Stability w/Temp ± 50 ppm/°C

Span up to 2000 counts from 0 to 100mV

Measuring Rate: 3 s/min

Change of settings also during operation

Exchangeable unit symbols

Fine Adjustment from rear panel

Coarse Adjustment from rear panel

Auto Zero

User define Limit values

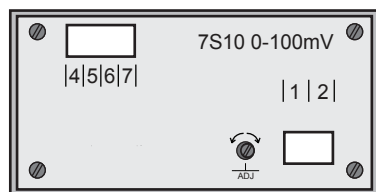
Operating instructions

Voltage adjustment

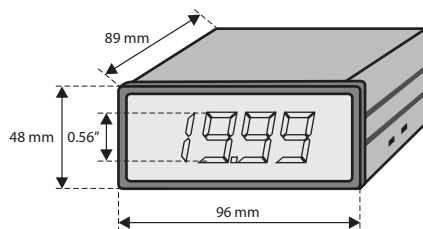
- Voltage adjustment settin upon request
- On back panel you will fined adjustment screws.
- To INCREASE reading turn adjustment screws to right
- To DECREASE reading turn adjustment screw to left

Dimensions

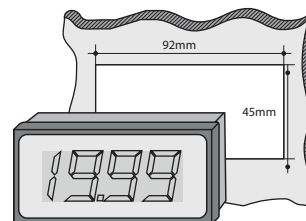
BACK



FRONT



PANEL CUTOUT



Ordering information

MOD 7S10A - V

230VAC	60VDC
110VAC	48VDC
48VAC	24VDC
24VAC	12VDC