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 avaliable. 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: ±0.1% of reading ±1 digit at 25ºC
Stability: ±50ppm / ºC
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-einguishing 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 foul scale
Law 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 ±50ppm/˚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
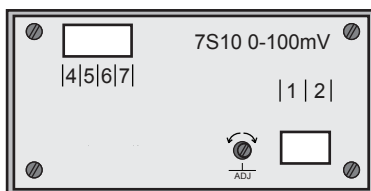Coarse Adjustment from rear panel
Auto Zero
User define Limit values
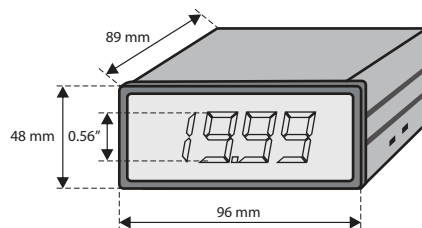
Operating instructions

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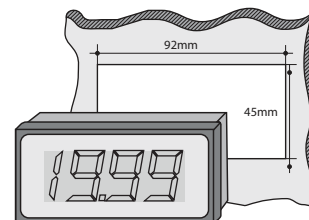- To DECREASE reading turn adjustment screw to left

Dimensions

BACK

FRONT

PANEL CUTOUT

Ordering information

MOD 7S10A   –   V

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