



## MOD - 7S10B

Voltage Indicator - 4.5 digits  
Scaleable digital 0-100mV

The MOD-7S10B 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-7S10B is easily set. For example: 100mV full scale from shunt can be scaled to display 17500 Kg

### General specifications

**DISPLAY:** 4½ 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  $\pm 1$  digit at 25°C

Stability:  $\pm 50$ 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-extinguishing 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)

Wight: 348 gr

### Technical Data

$\pm 19999$  (4½) count full scale

Low power requirement

Wide range power supply option

Input voltage protection

Decimal point selected

Accuracies are specified at 25°C

Power consumption: 2.3 VA

Stability w/Temp  $\pm 50$ ppm/°C

Span up to 20000 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

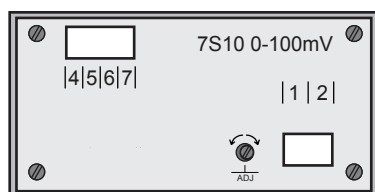
### Operating instructions

#### Voltage adjustment

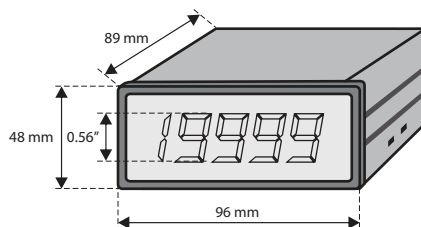
- Voltage adjustment setting upon request
- On back panel you will find adjustment screws.
- To INCREASE reading turn adjustment screws to right
- To DECREASE reading turn adjustment screw to left

### Dimensions

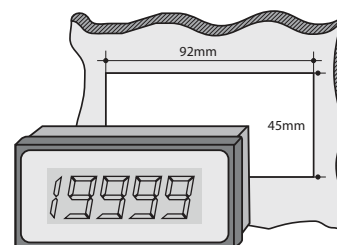
BACK



FRONT



PANEL CUTOUT



### Ordering information

MOD 7S10B - V

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