



# MOD - 7S10B

0-100Mv - 4.5 digits  
Scaleable Voltage Indicator

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: ±0.1% of reading ±1 digit at 25°C  
 Stability: ±50ppm / °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

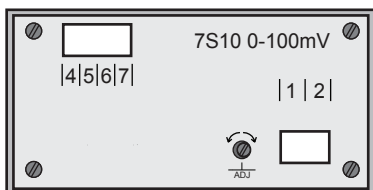
±19999 (4½) count fowl scale  
 Low power requirement  
 Wide range power supply potion  
 Input voltage protection  
 Decimal point selected  
 Accuracies are specified at 25°C  
 Power consumption: 2.3 VA  
 Stability w/Temp ±50ppm/°C  
 Span up to 20000 counts from 0 to 100mV  
 Measuring Rate: 3 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

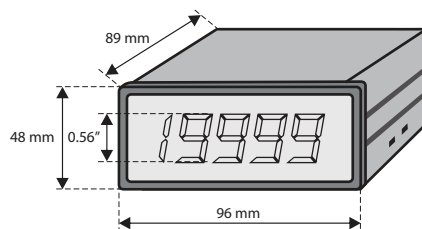
- Voltage adjustment**
- Voltage adjustment setting upon request
  - On back panel you will fined adjustment screws.
  - To INCREASE reading turn adjustment screws to right
  - To DECREASE reading turn adjustment screw to left

### Dimensions

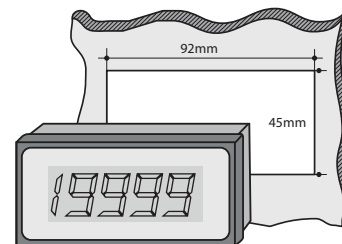
BACK



FRONT



PANEL CUTOUT



### Ordering information

MOD 7S10B - V

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

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