



## MOD - 7S5B

Current loop Indicator - 4.5 digits  
Scaleable digital - 4-20mA

The MOD-7S5B is an advanced, low cost current loop indicator, which provides measurement in applications where a scalable current input is needed. Any signal can be scaled to display directly in engineering units with the wide ranging available. Scaling and calibrating MOD-7S5B is very easy. For example: all inputs 4-20mA can be scaled to display 0-15000 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  
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: 4mm<sup>2</sup> 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

### Operating instructions

#### Reading adjustment

- On back panel you will fine two adjustment screws, Zero & Span
- Zero determine 4mA reading.
- Span determine 20mA reading.
- To INCREASE reading turn adjustment screws to right
- To DECREASE reading turn adjustment screw to left

### Technical Data

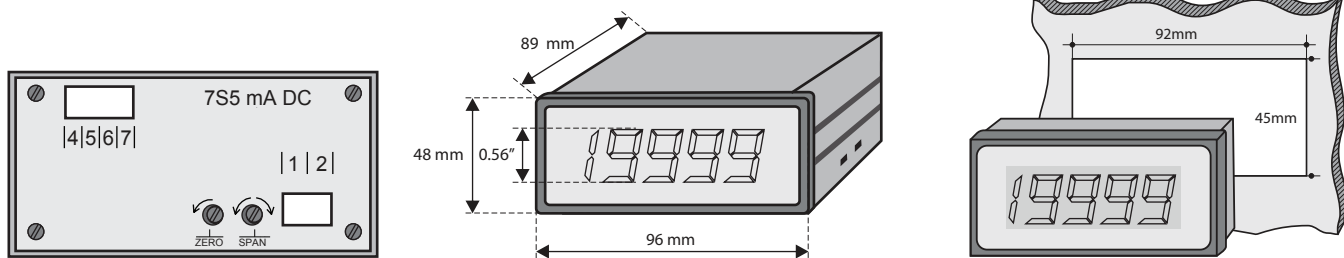
Range: 4-20mA adjustable  
±19999 (4½) count four scale  
Display type : 4½ digit, 0.56" (14.2mm)  
Low power requirement  
Wide range power supply option ( Refer to table below).  
Input voltage protection  
Decimal point selected  
Accuracies are specified at 25°C  
Power consumption: 2.3 VA  
Stability w/Temp ±50ppm/°C  
Span up to 20000 counts from 4 to 20mA  
Measuring Rate: 3 s/min  
Change of settings also during operation  
Exchangeable unit symbols  
Adjustment from rear panel  
User define Limit values

### Dimensions

BACK

FRONT

PANEL CUTOUT



### Ordering information

MOD 7S5B - V

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