PSK Controllers Ltd.
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MOD - 7S5B 1”

Currnet 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 avaliable. 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 1" (25.4 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
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:	144x72 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

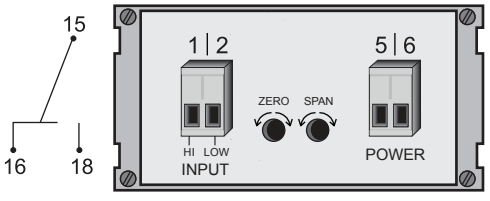
Reading adjustment
- On back panel you will fine two adjustment screws, Zero & Span
- Zero determine 4mA reading.
- Span determine 20mA reading.
- To INCREASE reading turn adjustment screws to right
- To DECREASE reading turn adjustment screw to left

Technical Data

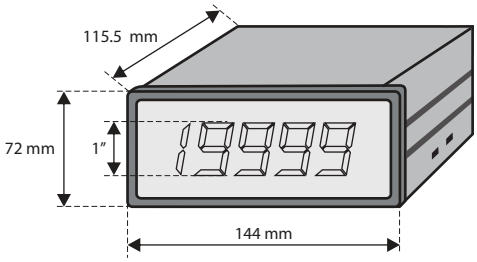
Range: 4-20mA adjustable
±19999 (4½) count foul scale
Display type : 4½ digit, 1’’ (25.4mm)
Low power requirement
Wide range power supply option (Refer to table below).
Input voltage protection
Decimal point selected
Accuracies are specified at 25˚C
Power consumption: 2.3 VA
Stability w/Temp ±50ppm/˚C
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

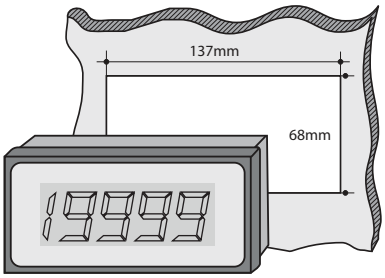
BACK



FRONT



PANEL CUTOUT



Ordering information

MOD 7S5B – V

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

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