



MOD - 7S5A

Current loop indicator - 3.5 digits
Scaleable digital 4-20mA

The MOD-7S5A 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-7S5A is very easy. For example: all inputs 4-20mA can be scaled to display 0-1500kg

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: $\pm 0.1\%$ of reading ± 1 digit at 25°C

Stability: ± 50 ppm / °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: 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

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

± 1999 (3½) count four scale

Display type : 3½ 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 ± 50 ppm/°C

Span up to 2000 counts from 4 to 20mA

Measuring Rate: 3 s/min

Change of settings also during operation

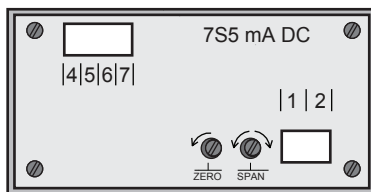
Exchangeable unit symbols

Adjustment from rear panel

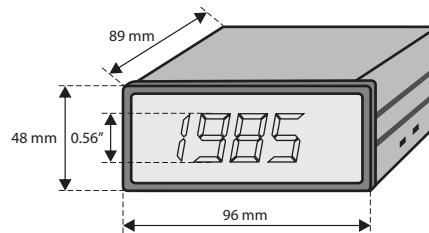
User define Limit values

Dimensions

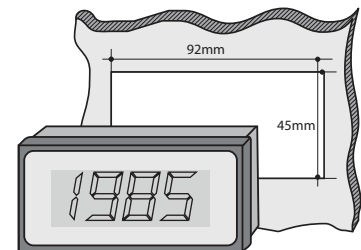
BACK



FRONT



PANEL CUTOUT



Ordering information

MOD 7S5A - V

230VAC	60VDC
120VAC	48VDC
110VAC	24VDC
24VAC	12VDC

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