

DS8B DIGITAL INDICATOR / CONTROLLER

- 1 year warranty
- Microprocessor based
- Programmable input

The DS8B digital indicator/controller is microprocessor controlled and fits the industry standard 96x48mm cut out.

The indicator is available two power supply options 18-30V DC or 90-260V AC.

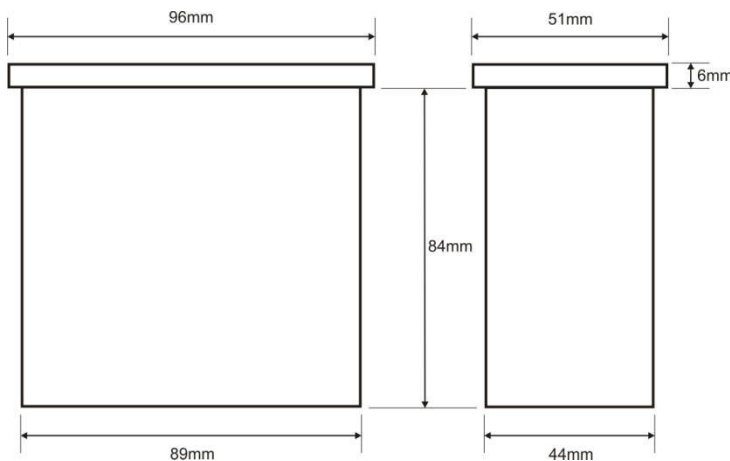
The input can be programmed to accept signals from a variety of sources including thermocouples, PT100, DC/AC Amps (with the use of a shunt or CT), mA or DC/AC Volts.



The indicator has 2 N/O relays and on-board power supplies to power the 4-20mA loop and the 4-20mA retransmission signal. Both are current limited to prevent damage to the indicator or ancillary equipment.

All of the features are easily programmable using the buttons on the front panel. These include Set Point, Relay action and hysteresis. The display can be scaled within the range -999 to +9999 for direct reading of the process variable. The second (SV) display indicates the set point of relay 1 and programming variables.

DIMENSIONS (mm)



BASIC SPECIFICATIONS	
Power Supply	18-30V AC/DC or 90 - 260V AC
Power consumption	≤5VA
Input types	0-2A AC, 0-5A AC (CT) 0-1mA, 0-10mA, 4-20mA DC 0-5V, 0-10V, 0-500V DC 0-10mV, ±10mV DC 0-400Ω, 0-10kΩ Cu50, Cu100 -50 to 150°C Pt100 -200 to 600°C Type K 0-1320°C Type J 0-1300°C Type E 0-1000°C Type T-150 to 400°C Type B 0-1820°C Type R 0-1700°C Type S 0-1600°C
Accuracy	±0.3% full scale ±2 digit
Operating conditions	0 -50C 0-90% RH Non Condensing
Relays	N/O, AC 3A 250V DC 3A 30VDC
Display Reading	From -999 to +9999, User programmable

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