

Single Channel Digital Readout with Integrated Power Supply



The Model SR5 is a single channel stand-alone microprocessor-based configurable digital indicator and power supply capable of interfacing directly to an analog mass flow meter, mass flow controller, or pressure transducer. The instrument configuration and control can be done from the front panel keypad or via the optional RS-232C interface.

Electrical Connector Pin-outs

Transducer	Accessory
2 Signal In	1 TXD (RS232C)
5 Power Gnd	2 RXD (RS232C)
6 -15VDC Out	5 Digital Gnd
7 +15VDC Out	6 Signal Gnd
8 Set-point Out	10 Remote Zero
12 Signal Gnd	11 Signal In
15 Chassis Gnd	12 SPL2 trip-point
	13 SPH2 trip-point
	14 SPL1 trip-point
	15 SPH1 trip-point

The Model SR5 can be mounted in a panel cutout or simply used as a bench-top instrument. It is packaged in a small 1/8 DIN, 5.5" deep extruded aluminum housing which provides excellent EMI/RFI shielding and good heat dissipation characteristics. The transducer is connected to the 15-pin type-D standard electrical connector and accessory signals are accessed via the 15-pin type-D high density electrical connector.

Instrument Specifications

Signal Input:	0-5VDC or 0-10VDC
Display:	+/- 99999 counts LED
Decimal Point:	Configurable
A/D Resolution:	+/- 19999 counts
Linearity:	+/- 0.01% FS +/- 1 count
Accuracy:	+/- 0.01% FS +/- 1 count
Response Time:	500 ms typical
Over-range:	>10.5 VDC flashing
User Zero:	Yes via Push Button
Set-point Out:	0-5VDC or optional 0-10VDC
Power Output:	+/- 15VDC @ 250mA
Operating:	-10 to +50 Celcius
Input Power:	115VAC (other optional)
Trip-points:	2 H & 2 L open collector
RS232C:	Optional
Dimensions:	3.78"W x 1.89"H x 5.13"D
Warranty:	1 Year parts and labour

For Technical Assistance

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