




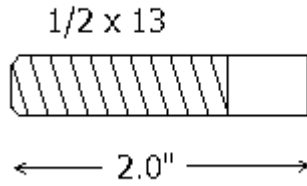
Sound Level Transmitter

FEATURES	
	Two wire current loop (4-20 mA) or 0-5 VDC (Better Accuracy)
	1/2" threaded PVC housing - 2" long
	Low cost sound or noise measurement for PLCs and control systems
	Comes with two mounting nuts
	+/- 4% accuracy
	Response: Aprox. 150 mS, Depending on direction, and Frequency
	Reverse polarity protected

HOUSING	
	PVC 2" long 1/2 x 13 threads

POB 1778 Greer, SC 29652
414 West Poinsett Street Greer, SC 29650
mike@traskinst.com
www.traskinst.com

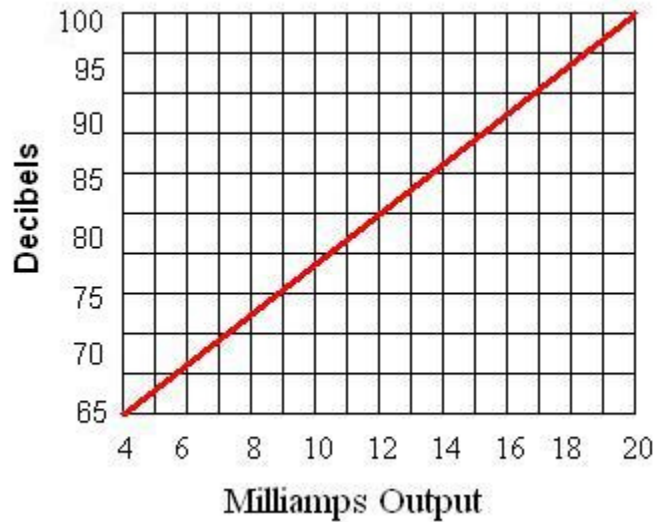
MECHANICAL



PVC 2" long 1/2 x 13 threads

Power: 24 VDC @25 mA, Nominal

OUTPUT



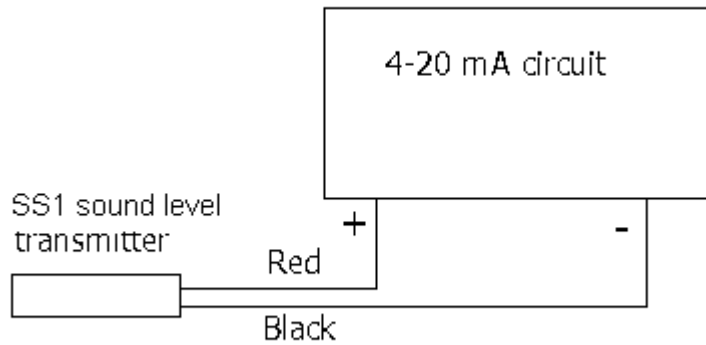
Frequency range (Aprox.) 100 – 5000Hz

WIRING

POB 1778 Greer, SC 29652
414 West Poinsett Street Greer, SC 29650
mike@traskinst.com
www.traskinst.com

Ph: 864-848-3993

Fax: 864-848-9569



SPECIFICATIONS	SS1
RANGE	65 to 100 db
ACCURACY	+/- 4%
OUTPUT	Current loop (4-20mA) two wire or 0-5 VDC
MOUNTING HOLE	1/2"
THREADS	1/2" x 13
HOUSING	PVC IP34

Part Number SS1

Design considerations

The SS1 is a low-cost way to input sound or noise information into a PLC, process control meter, distributed control system (DCS), or other industrial control system. The SS1 can be mounted through any 1/2" hole and the two wires connected to an analog input card or other two wire 4-20 mA current loop circuit.

The SS1 is designed for low cost applications where standard accuracy is acceptable.

65db was selected for the lower limit to avoid detecting ambient background noise.

Because the SS1 has a PVC housing, care should be taken to ensure that the operating environment does not get so hot that the PVC housing will soften. This may happen at temperatures around 180 to 190 degrees F.

The SS1 should not be used as the sole sensing element in critical equipment or safety applications.

POB 1778 Greer, SC 29652
 414 West Poinsett Street Greer, SC 29650
mike@traskinst.com
www.traskinst.com

Ph: 864-848-3993

Fax: 864-848-9569