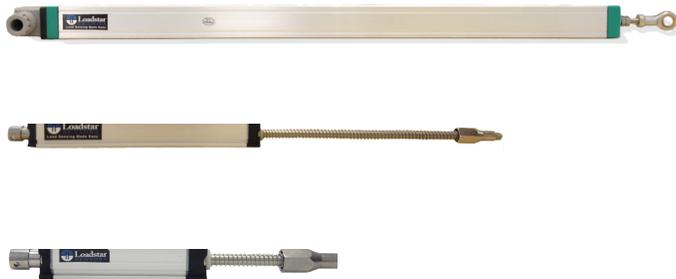
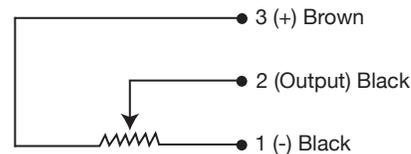


iLVDT Displacement Sensor



Wiring Information



LVDTs are sensors that enable you to measure displacements. Our LVDTs come with spring-loaded tips as well as eye bolts to contact or fasten the sensors to test specimens easily.

Specifications

Typical Values				
Range (mm)	10	25	50	100
Resistance Range $\pm 10\%$ (k Ω)	5	5	5	5
Linearity (% of Full Scale)	$\pm 2\%$	$\pm 2\%$	$\pm 2\%$	$\pm 2\%$
Working Speed (mm/s)	5			
Excitation Voltage	24 V DC (Max)			
Operating Temperature Range	-20 to 80 ° c			
Active Electrical Travel (mm)	10	25	50	100
Total Electrical Travel (mm)	12	27	51	102
Spring Loaded	Y	Y	Y	Y

Dimensions

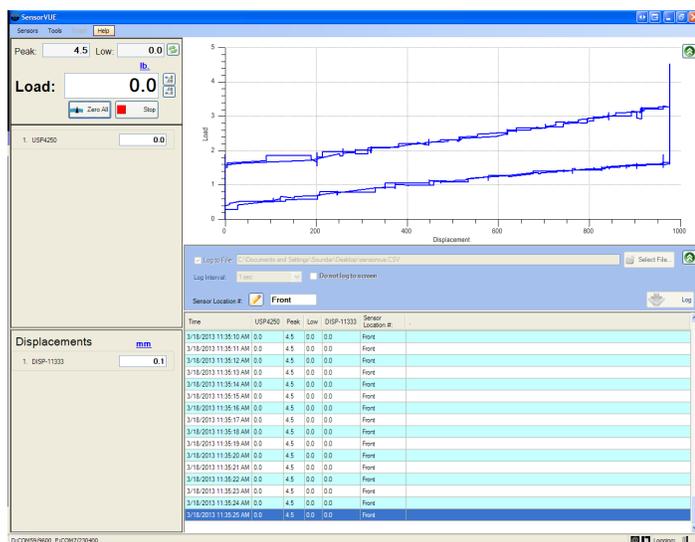
	Type			
	10	25	50	100
Fully Extended Length	122	150	208	325
Width	20	20	20	20
Height	20	20	20	20
Cable Length	980	980	980	980

(All dimensions are in mm)

Ordering Information

Range	Part No.
10 mm	LVDT-010M-V
25 mm	LVDT-025M-V
50 mm	LVDT-050M-V
100 mm	LVDT-100M-V

SensorVUE software provides convenient means for easy data acquisition and display of forces and displacements simultaneously from our digital load cells and displacement sensors. SensorVUE can support any number of load cells, torque sensors, displacement sensors and/or level sensors and is available in multiple configurations. SensorVUE works on Windows PCs (XP through 8.1) and allows you to view, log and plot data.



SensorVUE Force-Displacement Screen



SensorVUE Force-Time Screen

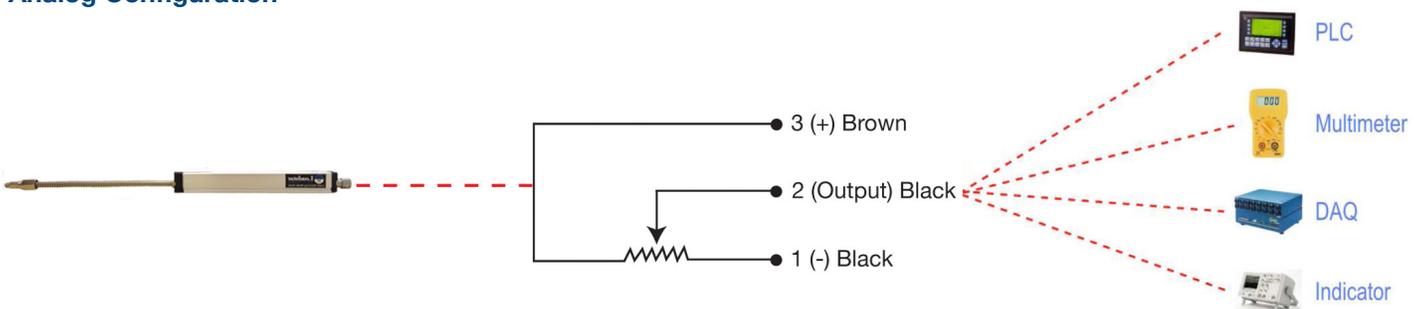
USB Configuration



Wireless Configuration



Analog Configuration



Types of Tips (Available)



Mounting Hardware

Sensors ship with mounting hardware as shown in the figure on the right. We include the rounded tip as well as the one with the roller (first two tips shown on the left) with orders. One could add on a through hole rod-end if needed for your application.

