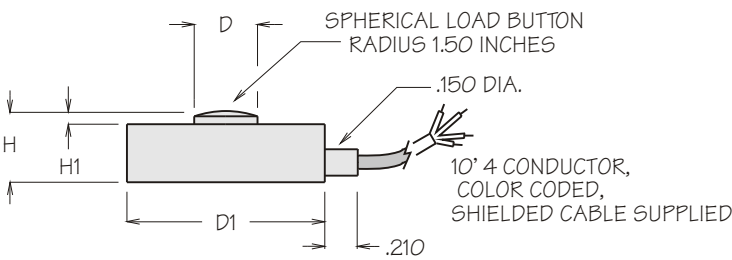


SUBMINIATURE COMPRESSION ONLY LOAD BUTTON

SLB SERIES

CAPACITY RANGES:
25, 50, 100, 250,
500, 750, 1,000 LBS.

The SLB Series Subminiature load cells (Load Buttons) are offered for compression only applications where space is limited. The matching surface must be flat for ultimate accuracy. The loading diameter is slightly convex for accurate load distribution. These sensors are manufactured from heat treated 17-4ph stainless steel, and the sensing element incorporates bonded foil strain gages of the highest quality. They are sealed for protection against most industrial environments.



SPECIFICATIONS

Rated Output (R.O.):	2 mV/V nominal
Nonlinearity:	0.25% of R.O.
Hysteresis:	0.25% of R.O.
Nonrepeatability:	0.1% of R.O.
Zero Balance:	1.0% of R.O.
Compensated Temp. Range:	60° to 160°F
Safe Temp. Range:	-65° to 200°F
Temp. Effect on Output:	0.005% of Load/°F
Temp. Effect on Zero:	0.01% of R.O./°F
Terminal Resistance:	350 ohms nominal
Excitation Voltage:	10 VDC
	5 VDC on SLB-25 & SLB-50
Safe Overload:	150% of R.O.
Deflection Inches:	0.002 @ R.O.

MODEL	CAPACITY LBS.	DIMENSIONS (INCHES)			
		D	D1	H	H1
SLB-25	25	.090	.375	.250	.050
SLB-50	50	.090	.375	.250	.050
SLB-100	100	.125	.500	.250	.050
SLB-250	250	.125	.500	.250	.050
SLB-500	500	.200	.750	.250	.050
SLB-750	750	.200	.750	.250	.050
SLB-1K	1,000	.200	.750	.250	.050