

SURFACE STUD MOUNT LOAD CELL

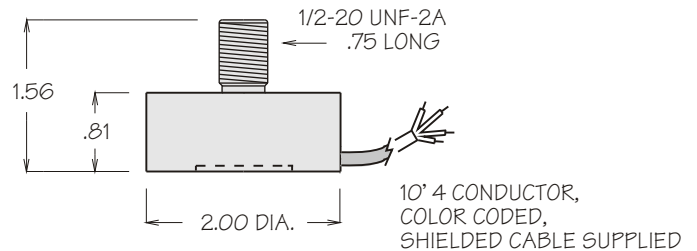
UNIVERSAL / TENSION OR COMPRESSION

SSM SERIES

CAPACITY RANGES:

***50, 100, 200, 500,
1,000, 2,000, 2,500,
5,000, 8,000, 10,000 LBS.***

The SSM Series Surface Stud Mount load cells were designed to be surface mounted with the load applied through the mounting stud for tension or compression applications. The matching surface must be flat and at least 2 inches in diameter. Eight threaded mounting holes are provided on the bottom surface for fastening down from beneath. 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:	0.15% of R.O.
Hysteresis:	0.15% of R.O.
Nonrepeatability:	0.05% 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:	0.005% of R.O./°F
Terminal Resistance:	350 ohms nominal
Excitation Voltage:	10 VDC
Safe Overload:	150% of R.O.
Deflection Inches:	0.002 @ R.O.

