

20005

MINI-BEAM FORCE SENSOR

This is a high accuracy miniature force sensor designed for shear force measurement. Its small size allows it to fit into areas with limited space. Contact an application engineer for adaptability to your specific application.



SPECIFICATIONS

Capacities..... 5 - 100 lbs. (See chart)
 Overload capacity..... 150% of F.S.
 Output at F.S..... 2.0 mV/V nominal
 Non-linearity..... 0.10% of F.S.
 Hysteresis..... 0.10% of F.S.
 Zero balance..... +/-1% of F.S.
 Compensated temperature..... 70 to 170°F
 Useable temperature..... -65 to +250°F
 Temperature effect on zero..... 0.002% of F.S./°F
 Temperature effect on span.. 0.002% of Rdg./°F
 Bridge resistance..... 350 Ohms
 Excitation voltage, maximum..... 20 Vdc
 Material Aluminum

DIMENSIONS

MODEL	CAPACITY
	LB
20005-050	5
20005-010	10
20005-021	20
20005-051	50
20005-012	100

