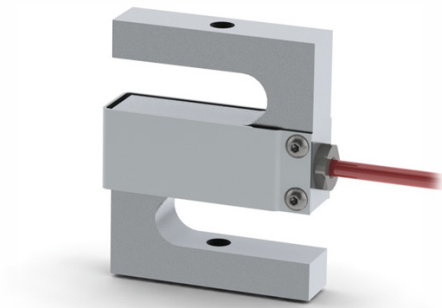


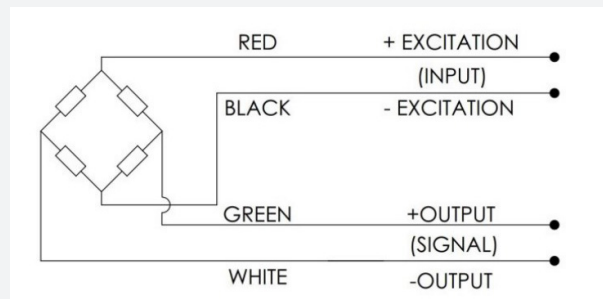
HIGH TEMPERATURE MINIATURE S-BEAM LOAD CELL

The HTSB Load Cell is a bi-directional Aluminum strain gauge based transducer with high performance, specially designed for high temperature applications. This design provides better than $\pm 0.05\%$ (full scale) non-linearity.



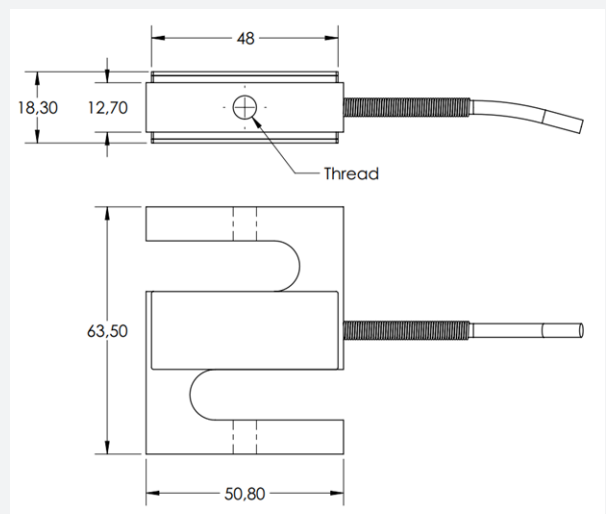
WIRING

- The HTSB load cell is provided with 4x22 AWG wiring within a braided shielded cable (overall cable length 15ft)



DIMENSIONS

MODEL	CAPACITY	THREAD
HTSB-M	50lbf	M6 x 1
HTSB-U	50lbf	1/4 - 28
HTSB-M	100lbf	M6 x 1
HTSB-U	100lbf	1/4 - 28
HTSB-M	150lbf	M6 x 1
HTSB-U	150lbf	1/4 - 28
HTSB-M	250lbf	M6 x 1
HTSB-U	250lbf	1/4 - 28



Distributed by: Spare S.r.l.
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HIGH TEMPERATURE MINIATURE S-BEAM LOAD CELL

SPECIFICATION

PARAMETER	RANGE
Rated Capacity (lbf)	50, 100, 150 & 250
Rated Output (RO) (mV/V)	3 nominal
Safe Overload (%)	150 of RO
No Load Offset (Zero Balance) (%)	±1 of RO
Excitation (VDC or VAC) (V)	5, 10
Input Impedance	350 Ω nominal
Output Impedance	350 Ω nominal
Non-Linearity (%)	±0.05 of RO
Hysteresis (%)	±0.03 of RO
Non-Repeatability (%)	±0.02 of RO
Temperature Shift Zero (%)	±0.005 of RO/°F (±0.009 of RO/°C)
Temperature Shift Span (%)	±0.005 of load/°F (±0.009 of load/°C)
Compensated Temperature (°F)	0 to +300 (-20 to +150°C)
Operating Temperature (°F)	-65 to +320 (-50 to +160°C)
Material	Aluminum
Calibration (std)	Tension



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