

Sub-miniature In-line Load Cell

Model LIAC2

LIAC2 Miniature Threaded In Line Load Cells are strain gauge based transducers with temperature compensation and excellent overall performance. This type measures tensile and compressive loads up to 5000N with better than $\pm 0.25\%$ non-linearity.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	200N, 500N, 1000N, 2000N & 5000N
Rated output(R.O.)	2mV/V
Nonlinearity	0.25% of R.O.
Repeatability	0.1% of R.O.
Total error	0.25% of R.O.
Zero balance	5% of R.O. Max
Temperature effect, on rated output	0.02% of FS / °C
Temperature effect, on zero balance	0.01% of FS / °C
Temperature range, compensated	-15~70°C
Operating temperature range	-20~80°C
Excitation recommended	5V
Safe overload	150% R.C.
Bridge resistance	350Ω nom.
IP rating	IP 66

DIMENSIONS TABLE

unit:mm

