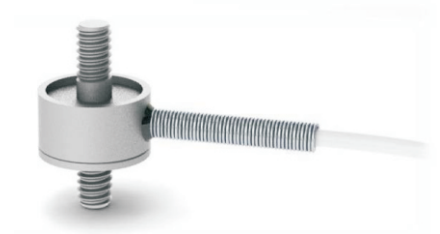


Sub-miniature In-line Load Cell

Model LIAC1

LIAC1 Sub-miniature Threaded In Line Load Cells are strain gauge based transducers designed for applications in general test and measurements.

This type measures tensile and compressive loads up to 100N with better than $\pm 0.5\%$ non linearity.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	50N and 100N
Rated output(R.O.)	2mV/V
Nonlinearity	0.5% of R.O.
Repeatability	0.1% of R.O.
Total error	0.5% of R.O.
Zero balance	10% of R.O. Max
Temperature effect, on rated output	0.036% of FS / °C
Temperature effect, on zero balance	0.036% 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 64
Material	7-4 PH stainless steel

DIMENSIONS TABLE

unit:mm

