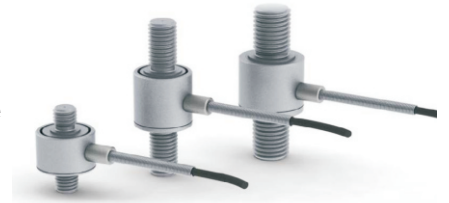


Sub-miniature In-line Load Cell

Model LIAC3 LIAC4 LIAC5

These 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 50kN with better than $\pm 0.5\%$ non-linearity.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	10kN, 20KN & 50kN
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	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 64

DIMENSIONS TABLE

unit:mm

MODEL	CAPACITY	A	B	C	D	THREAD
LIAC3	10kN	38.10mm[1.50"]	24.80mm[.98"]	10.65mm[.42"]	17.55mm[.69"]	M10x1.5-6g
LIAC4	20kN	70.40mm[2.77"]	24.80mm[.98"]	22.85mm[.90"]	25.45mm[1.00"]	M12x1.75-6g
LIAC5	50kN	70.40mm[2.77"]	28.30mm[1.11"]	22.10mm[.87"]	26.20mm[1.03"]	M16X2.0-6g

