

Rod End Load Cell

Model LIAC6

Rod End load cell is a strain gauge based transducers with temperature compensation and excellent overall performance. This type measures tensile and compressive loads up to 10kN with better than $\pm 0.5\%$ non-linearity.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	10kN
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	2.0% 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.O.
Bridge resistance	350Ω nom.
IP rating	IP 64

DIMENSIONS TABLE

unit:mm

