



## SMALL LOAD RING TYPE UNIVERSAL LOAD CELL

# LC-RTU-S

IEICOS Small Load Ring Type Universal Load Cell for Tension and Compression Load measurement. It is manufactured from high grade stainless steel and is available from 1 Kg to 50 Kg capacity. Both eye bolts and load top/bottom plate are provided. The load cell cover is made of powder coated steel.



### Wiring Scheme

Red + (Input +) Yellow - (Output -) Black - (Input -) Green + (Output +)

### Performance Specification

Standard Capacities	1Kg, 2 Kg, 5Kg, 10 Kg, 20 Kg, 50 Kg
Excitation Voltage	10 VDC - Maximum 15 VDC
Nominal Output	0.25 - 1 mV/ V
Non - Linearity	< ±0.5% FSO
Hysteresis	< ±0.5% FSO
Non-Repeatability	< ±0.5% FSO
Creep (30 minutes)	< ±0.5% FSO
Zero Balance	±1.0% FSO
Input Resistance	350 ± 5 Ohms
Output Resistance	350 ± 5 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	500 mm. Minimum
Safe Overload of Rated Capacity	150%
Ultimate Overload of Rated Capacity	200%
Temp. Compensated Range	0-60 °C
Temperature Effect on Output	< 0.0015% FSO/ °C
Temperature Effect on Zero	< 0.0020% FSO/ °C

## INDUSTRIAL ENGINEERING INSTRUMENTS

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Due to continuous improvement, specifications, dimensions, look, color, feel and features subject to change without notice.