



CRANE SCALE LOAD CELL WITH DIGITAL LOAD INDICATOR

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IEICOS Crane Scale with Digital Load Indicator is manufactured from high grade stainless steel and is available from 100 Kgf to 100T capacity for measurement of tensile loads on cranes. It is provided with shackle and pin on side and a stationary hook on the other side. The crane scale is provided with a built in digital indicator with bright digital LED display for indication of load. Also available options include remote display of load, remote set point, alarm facility, remote ON/OFF etc. The crane scale operates on 230V AC or battery operation option can be provided.



Wiring Scheme

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

Performance Specification

Standard Capacities	100 Kg, 200 Kg, 500 Kg, 1T, 2T, 5T, 10T, 20T, 50T, 100T
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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