Type IS4 Load Cell



Short description

- ARCELL'S Load Cell Model IS4 is Strain Gauge Based Low profile bending Beam Load Cell
- It is tool steel construction is very rugged to withstand shock loads.
- Capacity of 1500Kgf. To3000Kgf.
- Single point capability for platform scales.

➢ Used in Large size platform scales

➢ Available Models : - 500Kgf. to 3000Kgf. capacity Load Cell

Specifications and dimensions are subject to change without notice and do not constitute any liability whatsoever.

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Type IS4 Load Cell

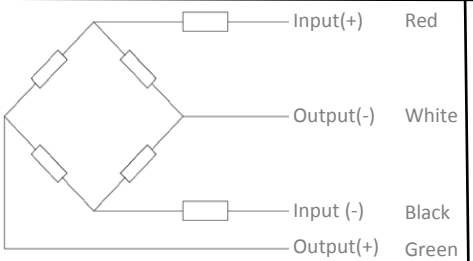
Detailed specifications IS4

Excitation Voltage	Vdc	10 VDC- Maximum 15 VDC
Nominal Output	mV/V	2.0 mV/ V
Non - Linearity	%FSO	< ±0.025%
Hysteresis	%FSO	< ±0.02%
Non-Repeatability	%FSO	< ±0.01%
Creep (30 minutes)	%FSO	< ±0.03%
Zero Balance	%FSO	±1.0%
Input Resistance	Ω	390 ± 15
Output Resistance	Ω	350 ± 3
Insulation Resistance (50 VDC)	MΩ	> 1000 MΩ at 50VDC
Cable Length (4 Core Screened)	Meter	5 Meter
Safe Overload of Rated Capacity		150% of Rated Capacity
Ultimate Overload of Rated Capacity		250% of Rated Capacity
Temp. Compensated Range	°C	0~60
Temperature Effect on Output	°C	< 0.0015% FSO/ °C
Temperature Effect on Zero	°C	< 0.0020% FSO/ °C
Platter Size	mm	1000mm x1000 mm
Tightening Torque		7.5 m. kg.
Finish & Construction		Electro less nickel plated tool steel
Ingress Protection		IP 65

Wiring

Shielded, 4 conductor cable.
Cable diameter: Ø5.5mm.
Shield not connected to element.

Electrical Termination



Options

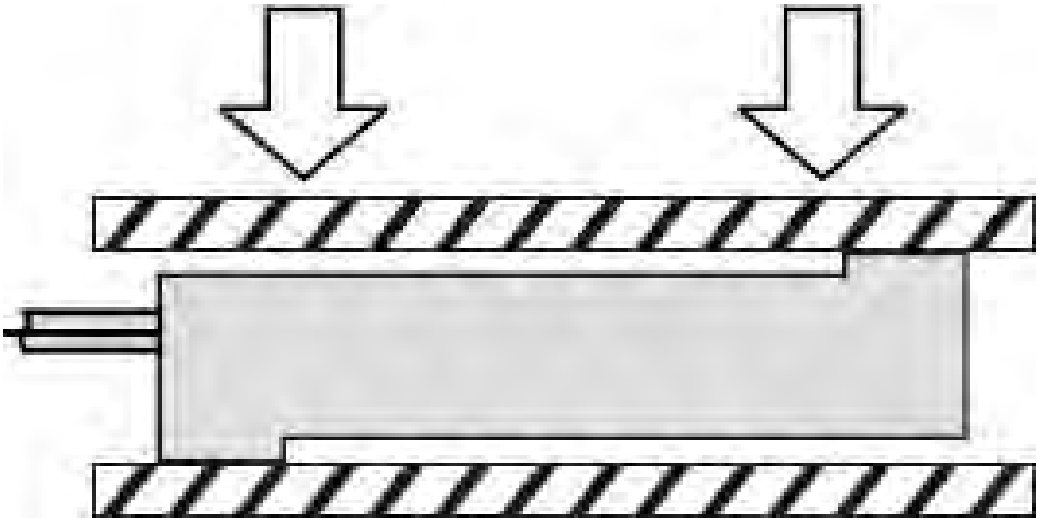
- Compatible Instruments with Relay output,4-20 mA or 0-2 Volt Output
- Digital Version with RS-485 interface / USB output
- Blue Tooth Telemetry / WirelessTelemetry Software for Graphic, Tabulation,Reporting and Analysis

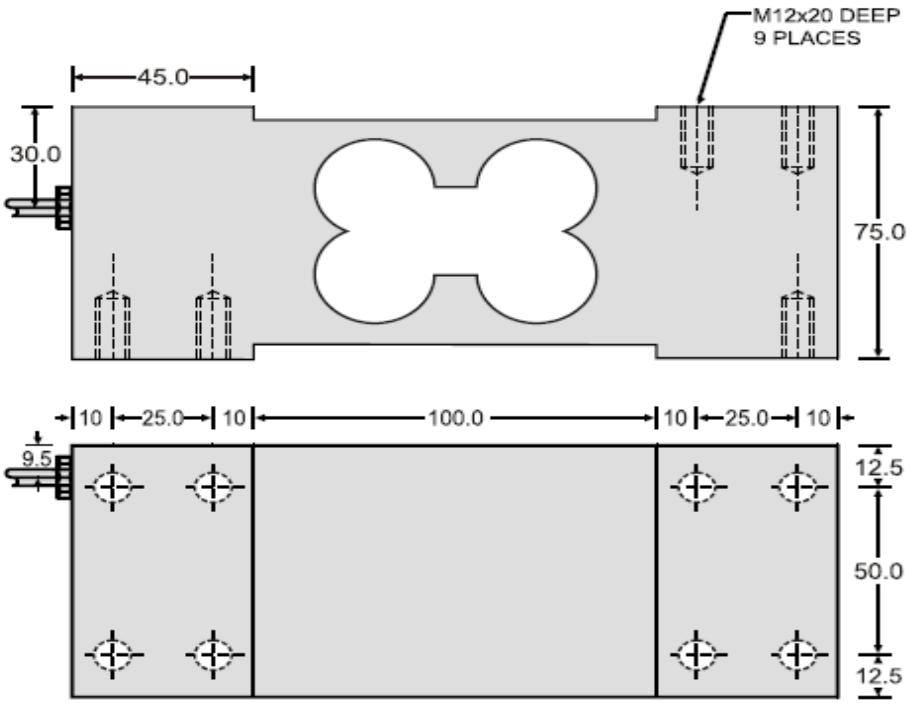
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Dimensions in mm





TOP VIEW

ARROW SHOWS LOAD
DIRECTION FOR +VE OUTPUT



All dimensions are in mm.

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