

Universal Load Cell



S type or S beam Loadcell as it is popularly called; these loadcells find a wide range of applications in both compression and tension. These are available in Steel.

Applications: Hanging scales, conveyor scales, suspended hoppers, tensile testing machines, batching systems etc.

Parameters	Specified Value
Capacity	2 Tonnes, 3 Tonnes, 5 Tonnes
Model	SU023HO, SU033HO, SU053HO
Type	Strain gauge based
Gauge Resistance	350 Ohms
Rated Output	2.0 mV/V
Non linearity	± 0.10%
Repeatability	± 0.05%
Creep on Load	± 0.05%
Zero balance Voltage	± 0.2mV
Input resistance	390 ± 10 Ohms
Output resistance	350 ± 2 Ohms
Compensated Temp. Voltage	5-55°C
Operating Temp. Voltage	5-60°C
Temp Effect on Span	0.003%/°C
Temp Effect on Tare	0.004%/°C
Excitation Voltage	10V (Max 12V)
Safe Overload	200%
Ultimate Overload	300%
Installation Resistance Bridge	>5000M Ohms at 30V DC at 30°C
Protection	IP-68
Cable	4 Mtrs 4 Core Shielded PU Sheathed
Color Code	
	Black +Input
	Red +Output
	Green -Input
	White -Output

