

Load Cell



FEATURES

- 20 Kgf. to 20000 Kgf. Capacities available
- High Alloy Tool Steel construction for resistance against shock and overload
- Complete Environmental Protection-IP67 class
- Standardized output ($3.0 \pm 0.25\%$) available on request

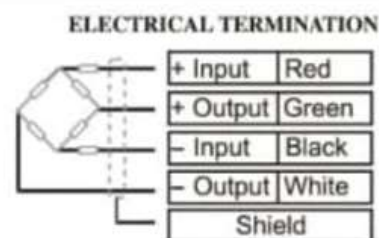
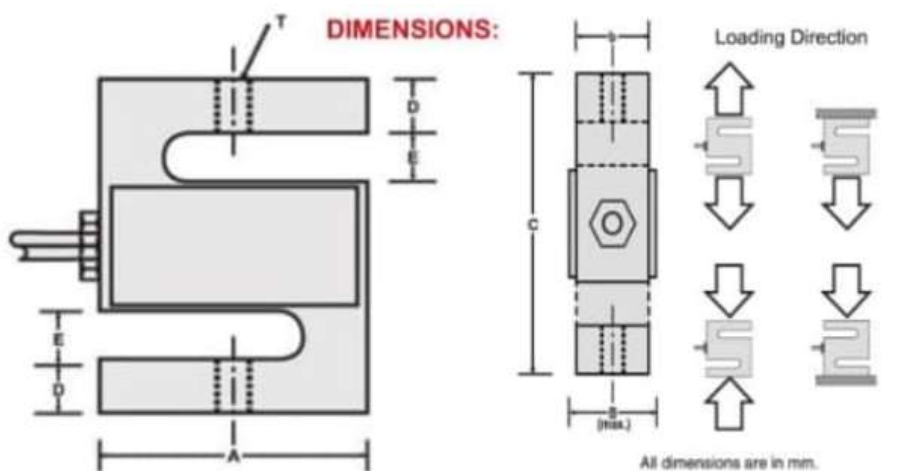
SPECIFICATION

Model Name	LSYE
Rated Load (kg)	1500, 2000, 2500, 3000
Precision	C2/C3
Composition Error	0.03/0.02
Rated Output (mv/v)	3.0 ± 0.2
Non-Linearity (%FS)	0.025
Hysteresis (%FS)	0.02
Repeatability (%FS)	0.02/0.01
Creep (%F.S/30min)	0.03/0.02
Zero Balance (%FS)	± 1.0
Input Resistance (Ω)	400 ± 10
Output Resistance (Ω)	350 ± 2
Insulation Resistance (MQ)	≥ 20000 (50VDC)
Excitation Voltage (V)	5~15 (DC)
Compensated Temp. Range ($^{\circ}\text{C}$)	-10~+50
Use Temp. Range ($^{\circ}\text{C}$)	-20~+60
Temp. Effect On Zero (%FS/ 10°C)	0.02
Temp. Effect On Span (%FS/ 10°C)	0.02
Safe Overload (%FS)	150
Ultimate Overload (%FS)	250
Defend Grade	IP67



Applications

- Conversion of Mechanical Scale to Electronic
- Tank, Hopper & Bag Weighing
- Hanging Scale & Crane Scale
- Force Measurement-Tension & or Compression
- Dynamometer
- Industrial Automation



4 CORE SCREENED CABLE - 5 mtrs.

Capacity (kgf)	A	B (max)	b	C	T	D	E	Torque (m.Kg)	Cable Length (mtrs)
20 to 100	50	20	12.5	62	M6 x 1.00	10	9	0.25	5
150 to 1000	50	25	19	62	M12 x 1.25	10	9	0.50	5
1500 to 3000	75	33	27	100	M20 x 1.50	17	9	2.00	5
5000 to 7500	90	40	32	140	M24 x 2.00	25	9	9.00	10
10000	112	52	45	175	M30 x 2.00	40	13	10.00	20
15000 to 20000	150	72	65	250	M36 x 3.00	60	13	12.00	20

*Specification subject to change without notice



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