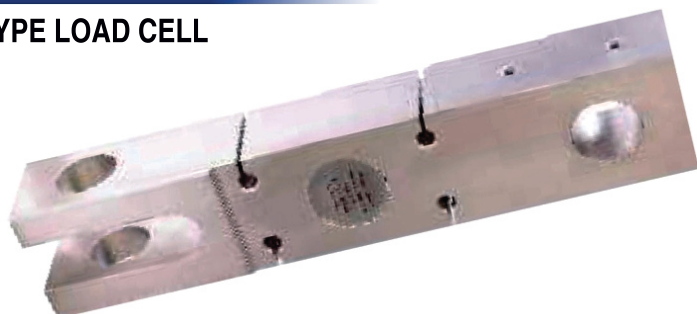




Automation

Model : ABL 305

SHACKLE TYPE LOAD CELL



Features

- * Environmentally Sealed
- * 1.5, 2, 3, 5, 7.5, 10, 15, 20 TF. Capacities available
- * High Temperature version can be provided on request
- * Standardized output ($2.0 \pm 0.25\%$) available on request

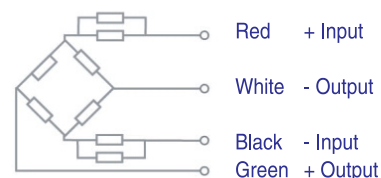
Applications :

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

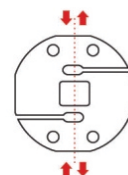
Parameters :

Rated load (MetricTon) 1 / 1.5 / 2 / 5 / 7.5 / 10 / 20			
Precision	C1	Excitation Voltage (VDC)	5~12
Composition Error	± 0.03	Compensated temp. Range (°C)	-10~+40
Rated Output (mv/v)	1 ± 0.001	Use Temp. Range (°C)	-10~+40
Creep (%F.S / 30min)	± 0.03	Temp. Effect on Zero (%FS/10°C)	± 0.023
Zero Balance (% F.S)	1.0	Temp. Effect on Span (%FS/10°C)	± 0.017
Input Resistance (Ω)	390 ± 10	Safe Overload (%FS)	150
Output Resistance (Ω)	350 ± 2	Ultimate Overload (%FS)	200
Insulation Resestance (M Ω)	≥ 5000	Defend Grade	IP67

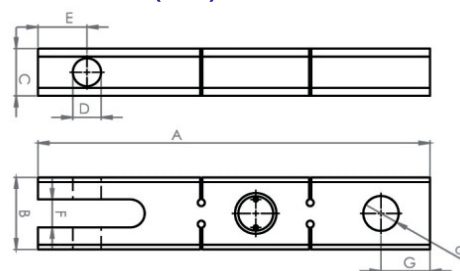
Wiring Schematic Diagram :



Load Diagram :



Dimensions (mm) :



CAPACITY/SIZE	A	B	C	D	d	E	F	G
1T,2T,3T	260	50	40	25	26	30	22	30
5T	360	67	44	26	32.5	45	26	45
10T	390	75	52	36	40	45	30	45
20T	430	120	70	45	60	60	60	60
50T	600	170	120	85	85	100	80	90



IP67

