SHARP®
The name of Quality

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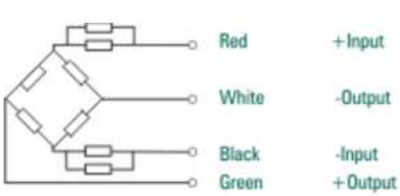
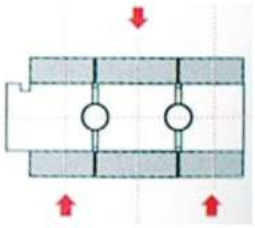
An ISO 9001 : 2015 Certified Company

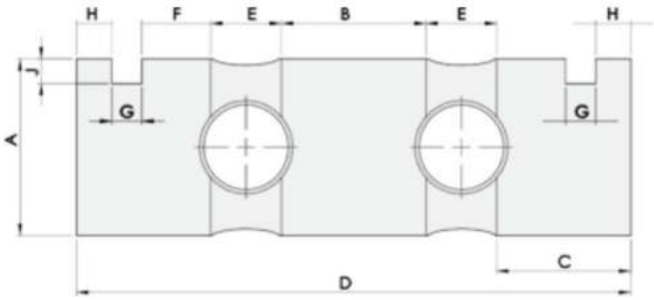
Pin Type Load Cell

These types of pins are also popular as low profile load cell in the market, because it usually applicable where high capacity load cells are required. Most of companies use our load pins for their high size weight checkers.

Wiring Schematic Diagram







Features:

1. The device is portable and light weight
2. Designed according to your dimensional needs
3. Manufactured with high alloy tool steel to enhance the resistivity and shock.
4. Low deflection & creep

Applications:

1. Crane application and hanging
2. Force measurement tension dynamometer
3. Material handling equipment
4. Axle weighing

Dimentions:

Capacity	A	B	C	D	E	F	G	H	J
500 KG - 1 T	25	19	19	81	12	6.5	6.5	6	4.5
2T,3T,5T	35	31	23.5	110	16	10	6.5	7	6
10T	50	41	38	157	20	19.5	8.5	10	7
20T	65	66	39	192	24	20.5	10.5	10	9.5
30T	75	76	50.5	225	24	28	10.5	12	10.5
50T	85	91	58.5	260	26	36	10.5	12	12
100T	100	100	76	328	38	53.5	10.5	12	14

Specifications :

Related Load (kg.) 500, 1000, 2T,3T,5T,10T,15T,20T,30T,50T,100T	
Precision C1	Insulation Resistance(M Ω) = 5000(100VDC)
Composition Error ± 0.05	Excitation Voltage (V) 10 ~ 15 (DC / AC)
Rated Output (mv/v) 1.0 ± 0.003	Compensated temp. Range (°C) -10~+40
Non-Linearity (%FS) 0.025	Use Temp. Range (°C) -20~+60
Hysteresis (%FS) 0.02	Temp. Effect on Zero (%FS/10°C) 0.03
Repeatability (%FS) 0.02 / 0.01	Temp. Effect on Span (%FS/10°C) 0.03
Creep (%FS/30min) 0.03 / 0.05	Safe Overload (%FS) 120
Zero Balance (%FS) ± 1	Ultimate Overload (%FS) 150
Input Resistance (Ω) 700 ± 10	Defend Grade IP65
Output Resistance (Ω) 700 ± 2	Cable 6mm, 5mtr

Specifications are subject to change for improvements without prior notice.

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