

Single Point Platform Load Cell



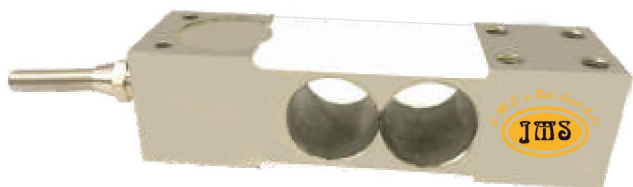
Jay Maa Sensor

(Specialist : S.S. Load Cells)

Mfr. & Dealers of : All Kinds of Precision Load Cells

Model : JMS 310

Single - Point Platform Load cell



Features :

- *Tool Steel Construction for Harsh application
- *Low profile
- *Single point Capability with minimum error for off-centre loading
- *Support platform scale with size up to 600 x 600 (mm)
- *Compact, Light weight & Economical
- *Also available in Stainless Steel:
SS. Suitable for hygienic applications like, Food, Dairy & Pharmaceutical Industries / Chemical Industries

Applications :

- *Smaller Sized Economical Platform Scales
- *Check Weighers
- *Bag Weighers

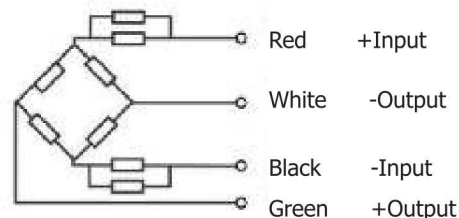
Parameters :

Stainless Steel Load (kg.) 100, 150, 300

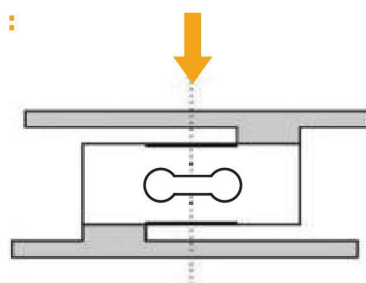
Rated Load (kg.) 75, 100, 150, 200, 250, 300, 500

Precision	C2/C3	Insulation Resistance (Ω)	$\geq 20000(50VDC)$
Composition Error	0.03/0.02	Excitation Voltage (V)	5~15 (DC)
Rated Output (mv/v)	2.0 ± 0.2	Compensated Temp. Range ($^{\circ}C$)	-10~+50
Non-Linearity (%FS)	0.025	Use Temp. Range	-20~+50 $^{\circ}C$
Hysteresis (%FS)	0.02	Temp. Effrct on zero (%Fs/10 $^{\circ}C$)	0.02
Repeatabilit (y %Fs)	$\pm 0.02/0.01$	Temp. Effrct on Span (%Fs/10 $^{\circ}C$)	0.01
Creep(%f.S/30min)	$\pm 0.03/0.02$	Safe Overload (%FS)	150
Zero Balance (%FS)	± 1.0	Ultimate Overload (%FS)	250
Input Resistance (Ω)	390 ± 10	Defend Grade	IP67
Output Resistance (Ω)	350 ± 2	Cable	6mm, 2.5mtr.

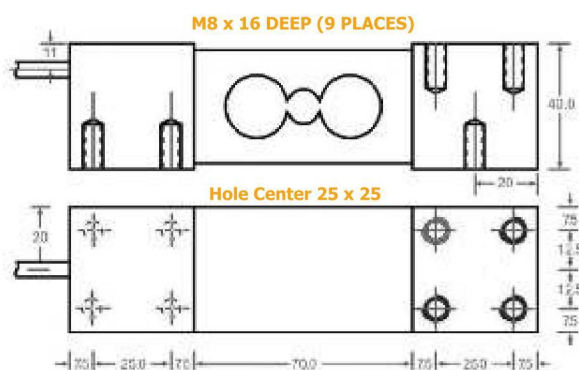
Wiring SchematicDiagram :



Load Diagram :



Dimensions :





Jay Maa Sensor

(Specialist : S.S. Load Cells)

Mfr. & Dealers of : All Kinds of Precision Load Cells

Model : JMS 410

Single - Point Bending Beam Load cell



Features :

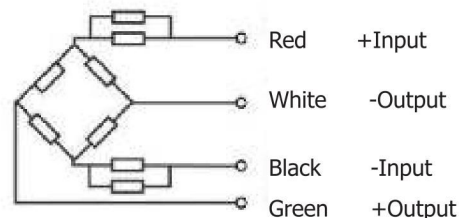
- *Tool Steel Construction for Harsh application
- *Single Point Capability for Platform Scale
- *Minimum error for Off-Centre Loading
- *Supports the Pan size up to 750 x 750 (mm)
- *Low profile
- *100 kg. to 1000 kg. Capacities
- *Also available in Stainless Steel:
- SS. Suitable for hygienic applications like, Food, Dairy & Pharmaceutical Industries / Chemical Industries

Applications :

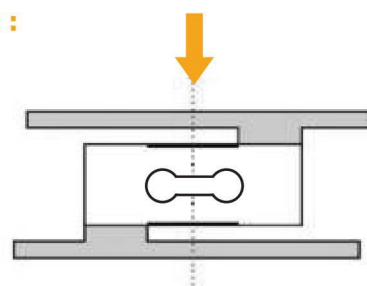
- *Medium Size Platform Scales
- *Dairy & Pharmaceutical Industries
- *Hopper Weighters

Parameters :

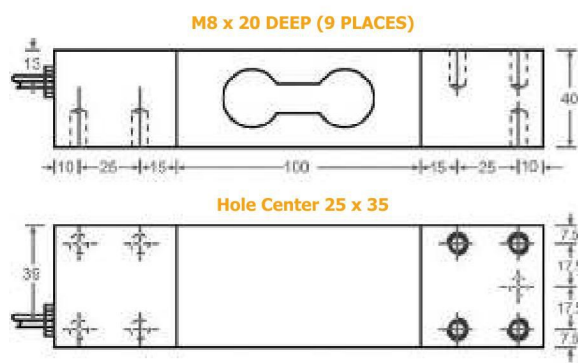
Wiring SchematicDiagram :



Load Diagram :



Dimensions :



Stainless Steel Load (kg.) 100, 300, 500, 750

Rated Load (kg.) 100, 200, 300, 500, 750, 1000

Precision	C2/C3	Insulation Resistance (Ω)	$\geq 20000(50VDC)$
Composition Error	0.03/0.02	Excitation Voltage (V)	5~15 (DC)
Rated Output (mv/v)	2.0 $\pm$ 0.2	Compensated Temp. Range ($^{\circ}C$)	-10~+50
Non-Linearity (%FS)	0.025	Use Temp. Range	-20~+50 $^{\circ}C$
Hysteresis (%FS)	0.02	Temp. Effrct on zero (%Fs/10 $^{\circ}C$)	0.02
Repeatabilit (y %Fs)	$\pm 0.02/0.01$	Temp. Effrct on Span (%Fs/10 $^{\circ}C$)	0.01
Creep(%f.S/30min)	$\pm 0.03/0.02$	Safe Overload (%FS)	150
Zero Balance (%FS)	± 1.0	Ultimate Overload (%FS)	250
Input Resistance (Ω)	390 $\pm$ 10	Defend Grade	IP67
Output Resistance (Ω)	350 $\pm$ 2	Cable	6mm, 2.5mtr.





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(Specialist : S.S. Load Cells)

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Model : JMS 810

Single - Point Heavy Platform Load cell



Features :

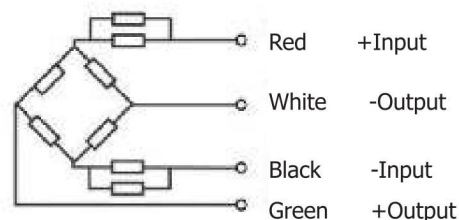
- *Tool Steel Construction for Harsh application
- *Low profile
- *Single Point Capability with minimum error for off-centre loading
- *Supports the Platform scale with size 900 x 900 (mm)
- *Compact, Light Weight & Economical

Applications :

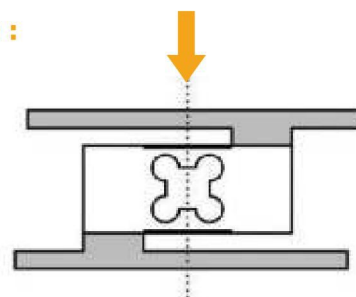
- *Large Platform Scales
- *Steel Weighters

Parameters :

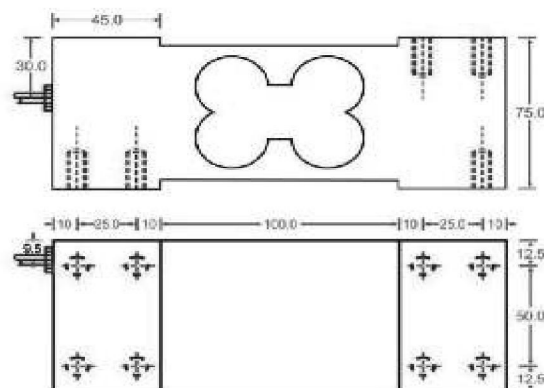
Wiring SchematicDiagram :



Load Diagram :



Dimensions :



Rated Load (kg.) 1000, 1500, 2000, 3000			
Precision	C2/C3	Insulation Resistance (MΩ)	≥ 20000(50VDC)
Composition Error	0.03/0.02	Excitation Voltage (V)	5~15 (DC)
Rated Output (mv/v)	2.0±0.2	Compensated Temp. Range (°C)	-10~+40
Non-Linearity (%FS)	0.025	Use Temp. Range	-20~+60 °C
Hysteresis (%FS)	0.02	Temp. Effrct on zero (%Fs/10°C)	0.002
Repeatabilit (y %Fs)	±0.02/0.01	Temp. Effrct on Span (%Fs/10°C)	0.015
Creep(%f.S/30min)	±0.03/0.02	Safe Overload (%FS)	150
Zero Balance (%FS)	±1.0	Ultimate Overload (%FS)	250
Input Resistance (Ω)	390±10	Defend Grade	IP67
Output Resistance (Ω)	350±2	Cable	6mm, 4mtr.



S TYPE LOAD CELL



Jay Maa Sensor

(Specialist : S.S. Load Cells)

Mfr. & Dealers of : All Kinds of Precision Load Cells

Model : JMS 301

S-Beam Load cell



Features :

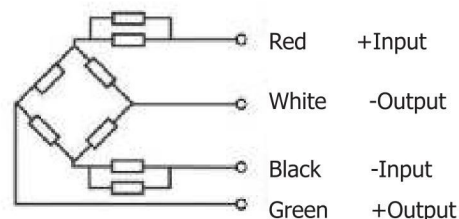
- *Alloy steel construction
- *Glue sealing and welding to IP67 & IP68
- *Easy to install and use for both tensile and compression application

Applications :

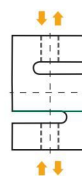
Suitable for Hanging scale, vibratory feeding equipment, tension testing machine, tank weighing, hopper weighing etc.

Parameters : (Analog Load Cell)

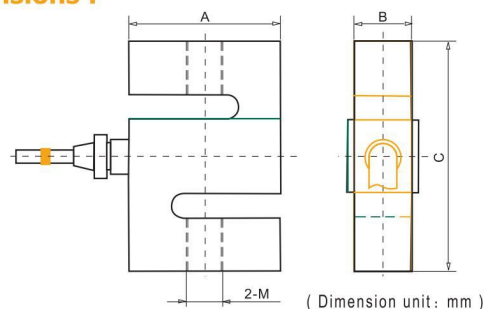
Wiring SchematicDiagram :



Load Diagram :



Dimensions :



CAPACITY		A	B	C	M
301	50~500	50	19	76	M12X1.75
	750~1000	50.8	25.4	76	M12X1.75
	2000~3000kg	76	28	100	M18X1.5
301A	10~100KG	51	12.7	64	M6
	50~1000kg	51	19	76	M12 x 1.25
	2000~5000kg	76	28	100	M20 x 1.50

Rated Load (kg.) 100, 200, 300, 500, 1T, 2T, 3T, 5T			
Precision	C2	Excitation Voltage (V)	5~12 (DC)
Composition Error	0.03	Compensated temp. Range (°C)	-10~+40
Rated Output (mv/v)	2.0 ± 0.004 & 3.0 ± 0.004	Use Temp. Range (°C)	-10~+55
Creep (%FS/30min)	± 0.024	Temp. Effect on Zero (%FS/10°C)	± 0.023
Zero Balance (%FS)	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 Resistance (MΩ)	≥ 20000 M	Defend Grade	IP67/IP68



SHEAR BEAM LOAD CELL



Jay Maa Sensor

(Specialist : S.S. Load Cells)

Mfr. & Dealers of : All Kinds of Precision Load Cells

Model : JMS 803

Single Ended Shear Beam Load Cell



Features :

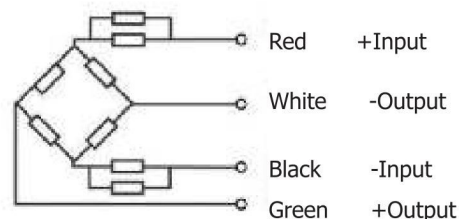
- * Alloy steel construction and hermetically sealed by welding to IP67 & IP68
- * Full range of capacities,
- * Simple construction

Applications :

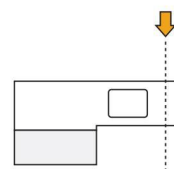
- * Electronic platform scale
- * Vehicle scale
- * Railroad scales
- * Tank weighing
- * Hopper weighing etc...

Parameters : (Analog Load Cell)

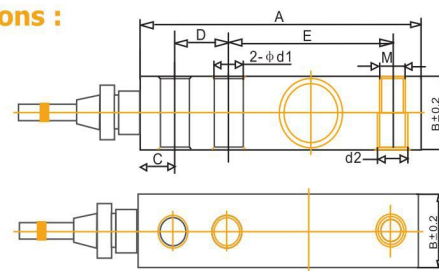
Wiring Schematic Diagram :



Load Diagram :



Dimensions :



Rated Load (t)	A	B	C	D	E	M	d2	d1
0.1-2T	130	32.8	15.8	25.4	76.2	M12*1.75	18	13
3T, 5T	171.5	38.0	19.8	38.1	95.3	M18*1.5	20	20
10T	222.5	50.8	25.3	50.8	124	M24*2	27	27

Rated Load (kg.) 100, 200, 300, 500, 750, 1T, 2T, 3T, 5T, 10T			
Precision	C2	Insulation Resistance (MΩ)	≥20000 (50VDC)
Composition Error	0.03 / 0.02	Excitation Voltage (V)	5~12 (DC)
Rated Output (mv/v)	3.0±0.003	Compensated temp. Range (°C)	-10~+40
Non-Linearity (%FS)	0.03 / 0.017	Use Temp. Range	-20~+55
Hysteresis (%FS)	0.03 / 0.02	Temp. Effect on Zero (%FS/10°C)	0.019
Repeatability (%FS)	±0.02 / 0.01	Temp. Effect on Span (%FS/10°C)	0.011
Creep (%F.S/30min)	±0.03 / 0.02	Safe Overload (%FS)	120
Zero Balance (%FS)	±1	Ultimate Overload (%FS)	150
Input Resistance (Ω)	350±3	Defend Grade	IP67/68
Output Resistance (Ω)	350± 2	Cable	6mm, 4mtr



Weighbridge DOUBLE ENDED SHEAR BEAM LOAD CELL



Jay Maa Sensor

(Specialist : S.S. Load Cells)

Mfr. & Dealers of : All Kinds of Precision Load Cells

Model : JMS 110

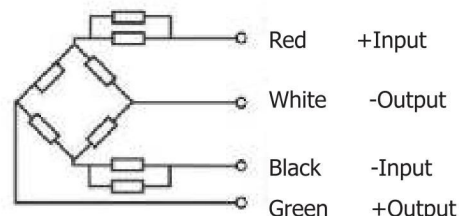
Double Enden Shear Beam Load cell



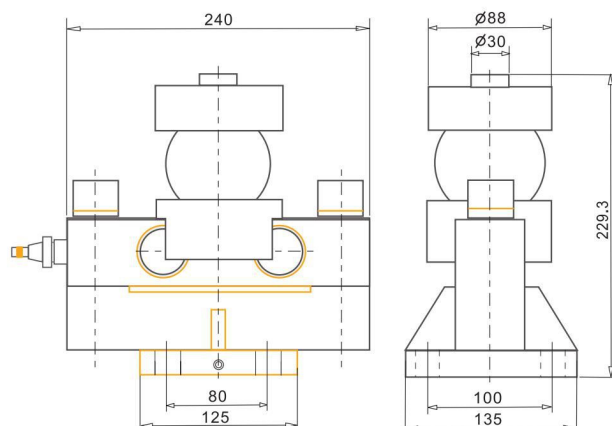
Features :

- *Alloy steel structure,
- *Glue sealing & welded sealing,
- *Nickel plated
- *Waterproof & anti-corrosion
- *Suitable for multiform environments
- *Suitable for electronic truck scale
- *Other electronic weighing devices

Wiring SchematicDiagram :



Dimensions :



Parameters : (Analog Load Cell)

Rated load (Ton) 10 / 20 / 30 / 40			
Precision	C2	Excitation Voltage (V)	5~12 (DC)
Composition Error	± 0.03 & ± 0.02	Compensated temp. Range (°C)	-10~+40
Rated Output	2.0 ± 0.002	Use Temp. Range	-20~+55 °C
Creep (%F.S / 30min)	± 0.023 / 0.016	Temp. Effect on Zero (%FS/10°C)	0.017 / 0.011
Zero balance %F.S	± 1.5	Temp. Effect on Span (%FS/10°C)	0.029 / 0.019
Input resistance (Ω)	700 ± 10	Safe Overload (%FS)	120
Output resistance (Ω)	750 ± 5	Ultimate overload	150 %
Insulation resistance (Ω)	≥ 5000 (50VDC)	Defend Grade	IP 67/ IP 68

