

AMC-921

COMPRESSION LOAD CELL



DESCRIPTION :

AMC-921 is a three-column design load cell. It is waterproof compression load cell for weighbridge, hopper. It has high capacity up to 200T.

APPLICATIONS :

- Truck scale
- Compression Force Testing
- Hydraulic press
- Tank, Silo Weighing

SPECIFICATIONS :

Rated capacity (Tf.)	: 5, 7.5, 10, 20, 23, 30, 45, 50, 60, 75, 100, 150, 200
Excitation Voltage	: 10VDC-Maximum 15 VDC
Rated Output	: 2.0 mV/V
Non – Linearity	: 921- $< \pm 0.15$ % FSO(Full scale Output) 931- $< \pm 0.025$ % FSO
Hysteresis	: $< \pm 0.03$ % FSO
Non-Repeatability	: $< \pm 0.02$ % FSO
Creep error (30 minutes)	: $< \pm 0.03$ % FSO Input
Resistance	: 450 ± 2 Ohms
Output Resistance	: 480 ± 3 Ohms
Insulation Resistance	: > 1000 Mega Ohms
Cable length	: 20 Mtrs.
Safe Overload	: 150 % of Rated Capacity
Ultimate Overload	: 200 % of Rated Capacity
Temperature	: 0 to 60° C
Compensated Range	
Temperature Effect on Output	: < 0.0015 % FSO/° C
Temperature Effect on Zero	: < 0.0020 % FSO/° C
Deflection	: < 0.4 mm at FSO
Finish & Construction	: Epoxy Enamel
Environment Protection	: IP 67



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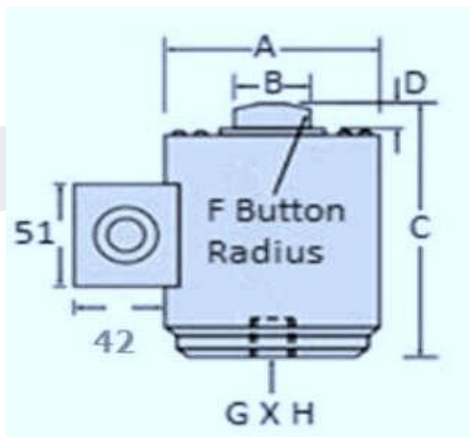
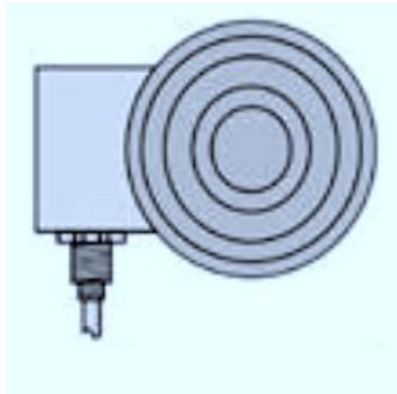
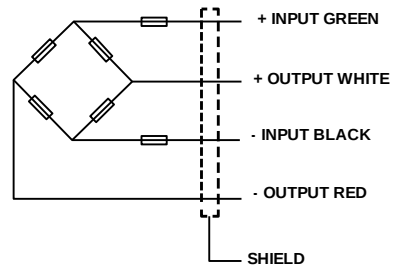
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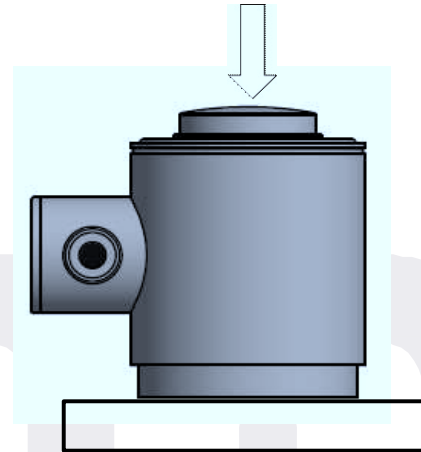
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Electrical Termination



Compression Load



CAPACITY Tf	A	B	C	D	F	G	H
5, 7.5, 10, 15, 20, 23, 30	73	32	82	6	150	M12 X 1.25	8
45, 50, 60, 75	103	58	127	11	150	M20 X 1.50	14
100, 150, 200	140	80	180	18	430	M20 X 1.50	19
300, 400	203	100	270	26	430	M20x1.5	25



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