

# Model D 272

Single Point Aluminum Load Cell



## FEATURES

- **Rated Capacities (lb):**  
125, 200, 350, 550, 650, 1000
- **Rated Capacities (kg):**  
60, 100, 150, 250, 300, 500
- Alloy Aluminum
- IP65
- Single Point Load Cell

## APPLICATIONS

- Suitable for Single Point Belt Weighing, Hoppers, platforms and Packing Machines

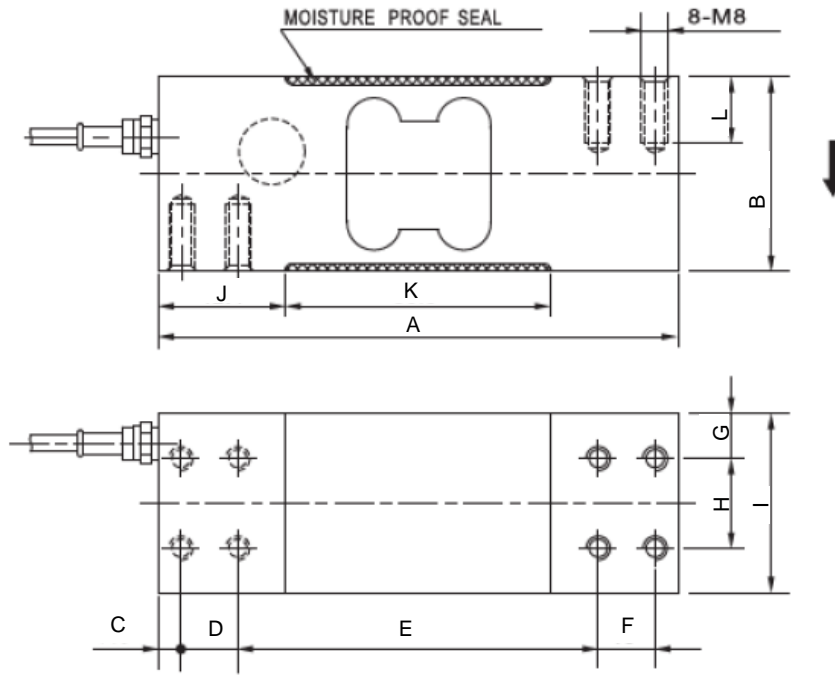
## TECHNICAL DATA

<b>Rated Capacities (lb):</b>	125, 200, 350, 550, 650, 1000
<b>Rated Capacities (kg):</b>	60, 100, 150, 250, 300,500
Rated Output	2.0 ± 0.10MV/V
Non-linearity	± 0.02 % FS
Hysteresis	± 0.02 % FS
Non-Repeatability	± 0.01 % FS
Creep (30minutes)	± 0.02 % FS
Zero Balance	± 1 % FS
Temperature effect on zero	± 0.02 % FS/ 10°C
Temperature effect on output	± 0.02 % FS/ 10°C
Input Resistance Ω	410Ω ± 15Ω
Output Resistance Ω	350Ω ± 3 Ω
Insulation Resistance	≥5000MΩ
Excitation Voltage	10V (DC/AC)
Compensated Temperature Range	-10~+ 50 °C
Operating Temperature Range	-20~+ 60 °C
Safe Overload	120% FS
Maximum Applicable Platform Size	23.6x23.6inches / 600x600mm

The technical data given here serve only as a product description and must not be interpreted as guaranteed characteristics in the legal sense.

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## OUTLINE DIMENSIONS:



DIMENSIONS	A	B	C	D	E	F	G	H	I	J	K	L	M
inches	6.87	2.56	0.27	0.75	4.81	0.75	0.59	1.18	2.36	1.69	3.51	0.86	M8
mm	174.0	65.0	7.0	19.0	122.0	19.0	15.0	30.0	60.0	43.0	88.9	22.0	M8

## WIRING

Function	Colors
+ Excitation	Red
- Excitation	Black
+ Signal	Green
- Signal	White
Shield	Braid

Correct Mounting of Load Cells Is Essential To Ensure Optimum Performance.

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