

Model A 285

Single Point Alloy Steel Load Cell



FEATURES

- **Rated Capacities (lb):**
100, 225, 325, 450, 550, 1000, 1500, 2000, 4500
- **Rated Capacities (kg):**
50, 100, 150, 200, 250, 500, 750, 1000, 2000
- Alloy Steel Construction
- IP67
- Single Point Load cell
- Potted by adhesive inside, Oil Proof, Waterproof, Anti-corrosive gas.

APPLICATIONS

- Suitable for Industrial Platform Scales, Floor Scales, Dormant Scales for Wash-down.

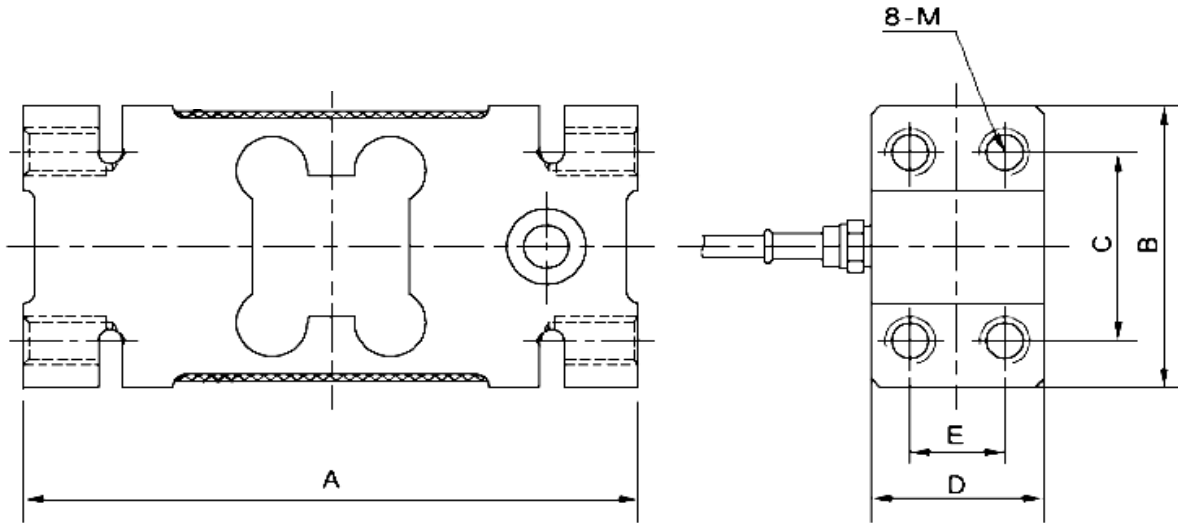
TECHNICAL DATA

Rated Capacities (lb):	100, 225, 325, 450, 500, 1000, 1500, 2000, 4500
Rated Capacities (kg):	50, 100, 150, 200, 250, 500, 750, 1000, 2000
Accuracy Class	C3
Maximum Verification Intervals (n _{max})	3000
Minimum load cell verification interval (V _{min})	E _{max} /10,000
Combined Error	≤ ±0.02 % FS
Creep (30minutes)	≤ ± 0.016%FS
Temperature Effect on Sensitivity	≤ ± 0.011 %FS/10°C
Temperature Effect on Zero	≤ ± 0.015 %FS/10°C
Rated Output	2.0 ± 0.002 mv/v
Input Resistance	400 ± 20 Ω
Output Resistance	351 ± 2.0 Ω
Insulation Resistance	≥ 5000 MΩ (50VDC)
Zero Balance	1.50 % FS
Compensated Temperature Range	-10°C ~+ 40 °C
Operating Temperature Range	-35°C ~+ 70 °C
Recommended Excitation	05 ~ 12 V (DC)
Maximum Excitation	18 V (DC)
Safe Overload	150 % FS
Ultimate Overload	300 % FS
Corner Correction	0.02 % Load Value/ 100mm
Applicable Platform Size For (100-450 lb / 50-200Kg)	15.80 x 15.80inchss / 400 x 400mm
Applicable Platform Size For (550-1000lb / 250-500Kg)	23.70 x 31.60inchss / 600 x 800mm
Applicable Platform Size For (1500-45000lb / 750-2000Kg)	47.38 x 47.38inches / 1200 x 1200mm

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:

Capacity	A	B	C	D	E	M
lb/inches						
100-450	6.16	4.93	3.75	3.00	1.81	M0.47X0.27
500-1000	5.76	3.75	2.76	2.36	1.42	M0.47X0.27
1500-4500	6.94	4.85	3.75	3.00	1.81	M0.63X0.27
kg/mm						
50-200	156.0	125.0	95.0	76.0	46.0	M12X7.0
250-500	146.0	95.0	70.0	60.0	36.0	M12X7.0
750-2000	176.0	123.0	95.0	76.0	46.0	M16X7.0

WIRING

Function	Colors
+ Excitation	Red
- Excitation	Black
+ Signal	Green
- Signal	White
+ Sense	Brown
- Sense	Black

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

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Max Technologies reserves the right to make changes to the technology, features, specification and design of the equipment without notice.