



Procter & Chester Measurements

Single Point Load Cell 1004 Series



300, 500, 3000 grms

FEATURES

- Aluminium construction
- 200 x 200mm platform size
- Up to 30,000d at constant room temperature.
- Used for mass and force
- Full range of mounting accessories

APPLICATIONS

- Low level force measurement
- Scales
- Balances





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PARAMETER		UNITS
Rated Capacities	300,500,3000	Grammes
Rated Output	0.9	MV/V
Total Error	0.006	±% of Rated Output
Zero Return after 30 minutes	0.017	±% of Applied Load
Zero Balance	0.004	±% of Rated Output
Temperature Range: Operating Compensated	-10 to 70 5 to 45	°C
Temperature Effect: On Output On zero	0.002 0.004	±% of Applied Load/°C ±% of Rated Load/°C
Safe Overload	150	% of Rated Capacity
Ultimate Overload	250	% of Rated Capacity
Excitation: Recommended Maximum	10 15	Volts AC or DC
Input Impedance	415	ohm
Output Impedance	350	ohm
Insulation Impedance	>1000	Mohm
Reflection at Rated Capacity	<0.4	mm
Weight:	0.06	kg
Construction	Alum.	
Environmental Protection	IP66	
Cable	0.4m	
Document Revision Date	0505	

