

Cantilever Beam Load Cell

355 Series

5Kg – 500Kg

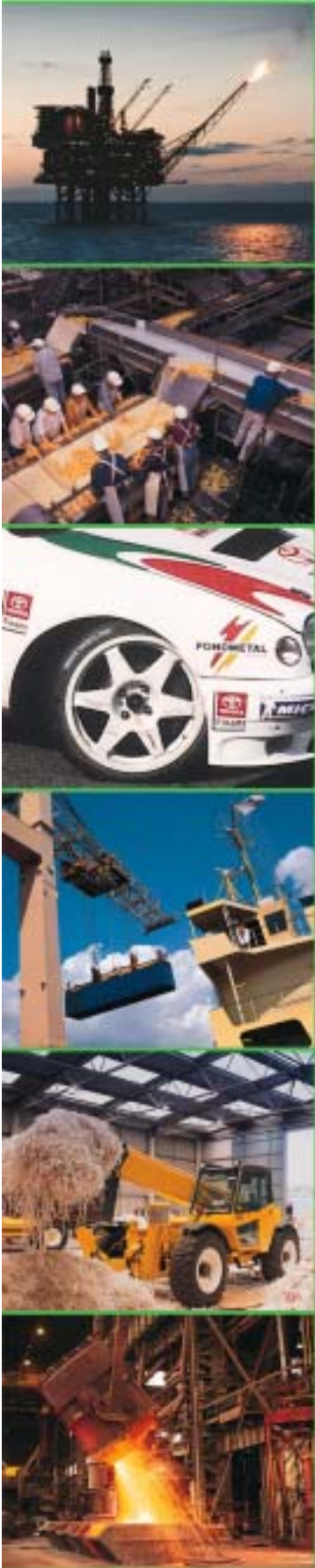


FEATURES

- Stainless Steel Construction.
- Sealed to IP68.
- Load Cell Accuracy 0.05% RO.
- Simple to install.
- Low profile industry standard

APPLICATIONS

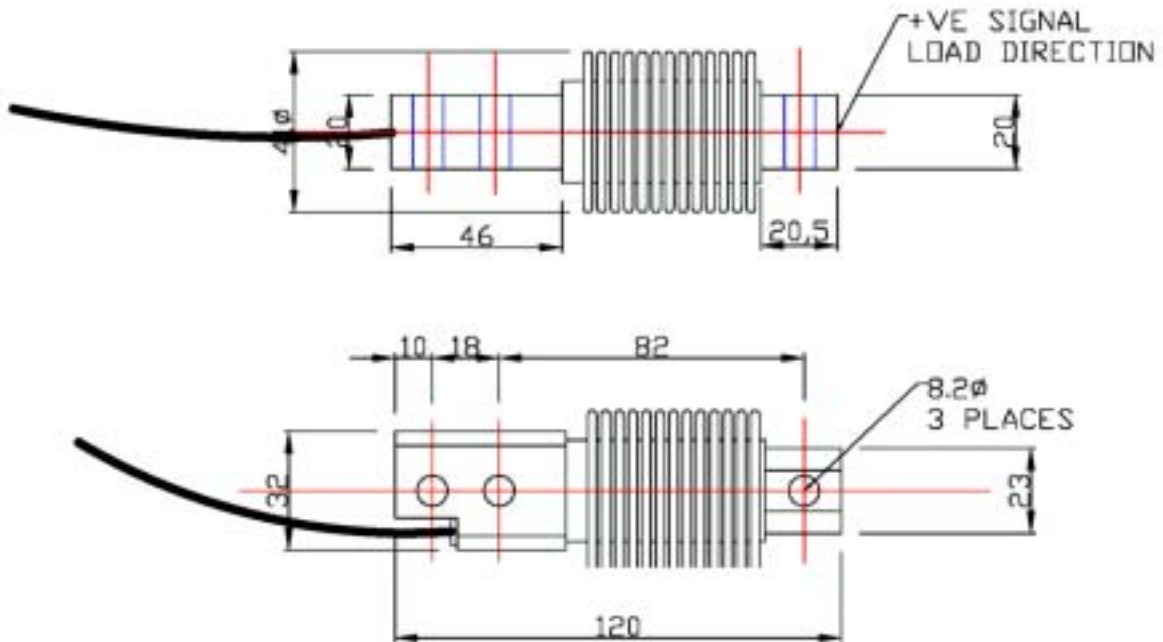
- Tanks & silos.
- Hostile environments.
- Industrial platforms.
- Pallet truck weighers.
- Belt weighers.





Procter & Chester Measurements

PARAMETER		UNITS
Rated Capacities	5, 10, 20, 30, 50, 100, 200, 250, 500	Kg
Rated Output	2.0 ±0.1%	MV/V
Total Error	0.05	±% of Rated Output
Zero Return after 30 minutes	0.05	±% of Applied Load
Zero Balance	3	±% of Rated Output
Temperature Range: Operating	-30 to +80	°C
Temperature Range: Compensated	-10 to +40	
Temperature Effect: On Output	0.004	±% of Applied Load/°C
Temperature Effect: On zero	0.007	±% of Rated Load/°C
Safe Overload	150	% of Rated Capacity
Ultimate Overload	300	% of Rated Capacity
Excitation: Recommended	10	Volts AC or DC
Excitation: Maximum	15	
Input Impedance	380 nominal	ohm
Output Impedance	350 nominal	ohm
Insulation Impedance	>1000	megaohm
Deflection at Rated Capacity	<0.4	mm
Weight (approximate) :	0.35	kg
Construction	Stainless Steel	
Environmental Protection	IP68	
Cable	3m 6 core screened	
Connections – Produces a positive signal in compression.	Excitation + Blue Sense + Green Excitation – Black Sense – Grey Signal + White Signal – Red	The Screen is not connected to the load cell body.
Revision Document Date	0205	



Dimensions in mm.

PCM produce custom design load cells, therefore we are able to modify the dimension and materials and build to order. PCM's policy is one of continuous improvement. We therefore reserve the right to incorporate technical modifications without prior notification. PCM are an approved ISO9001 manufacturer, Certificate No: 5527.