

Compression Load Cell

CN Series

10Te – 1000Te



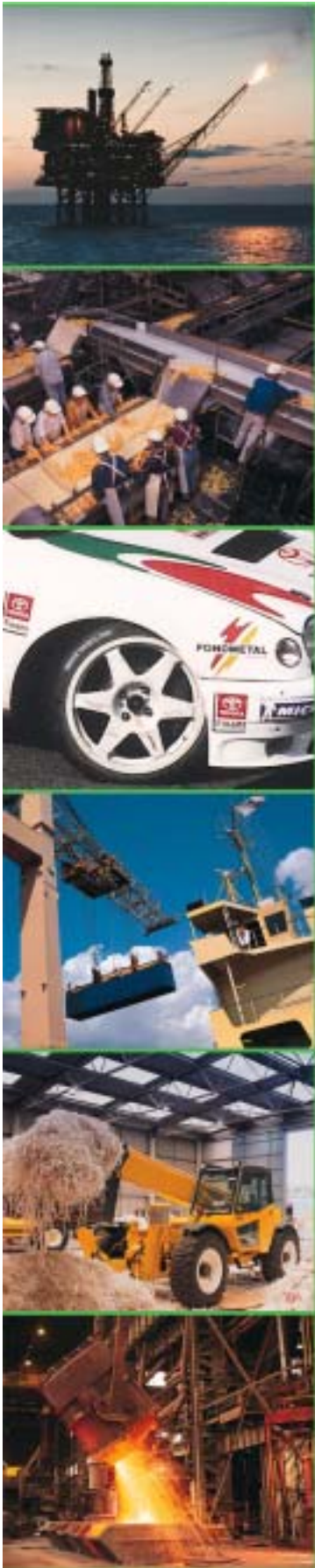
*400Te illustrated with optional carry handles

FEATURES

- Self Aligning load button
- Robust tool steel construction
- Corrosion resistant plating
- Rugged load cell design.
- Sealed to IP67.
- Simple to install.
- Custom build available.

APPLICATIONS

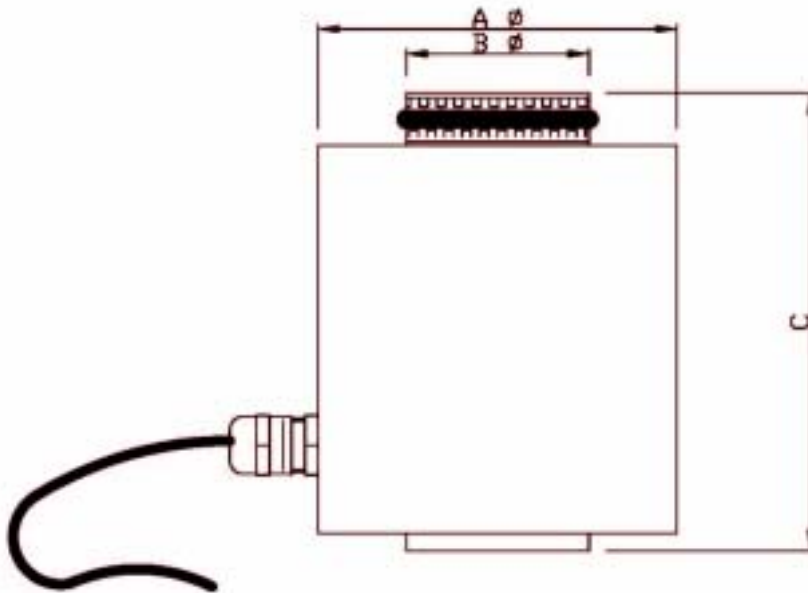
- Heavy duty weighing.
- Rolling Mills.
- Industrial Platforms.
- Test Rigs.





Procter & Chester Measurements

PARAMETER		UNITS
Rated Capacities	10-100, 200, 400, 600, 800, 1000	Te
Rated Output	2 nominal	MV/V
Linearity & repeatability	0.25	±% of Rated Output
Zero Return after 30 minutes	0.15	±% of Applied Load
Zero Balance	1.5	±% of Rated Output
Temperature Range: Operating	-10 to +80	°C
Temperature Range: Compensated	-10 to +60	
Temperature Effect: On Output	0.1	±% of Applied Load/°C
Temperature Effect: On zero	0.02	±% 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	760 nominal	ohm
Output Impedance	700 nominal	ohm
Insulation Impedance	>2000	megaohm
Deflection at Rated Capacity	NA	mm
Weight (approximate) :	NA	kg
Construction	817M40 Tool Steel Plated	
Environmental Protection	IP67	
Cable	5m 4 core screened	
Connections – Produces a positive signal in compression.	Excitation + Red Excitation – Blue Signal + Green Signal - Yellow	The Screen is not connected to the load cell body.
	0505	



CAP.	A	B	C
	102	52	110
0-200Te	120	85	153
0-400Te	152	120	214
0-600Te	184	147	250
0-800Te	216	170	293
0-1000Te	254	210	450

*400-1000Te applies 10-100% of rated capacity.

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.