

## Compression Load Cell

### 122 Series

50Te- 150Te



### FEATURES

- Stainless Steel housing with plated alloy steel sensor.
- Rugged load cell design.
- Sealed to IP68.
- Simple to install.

### APPLICATIONS

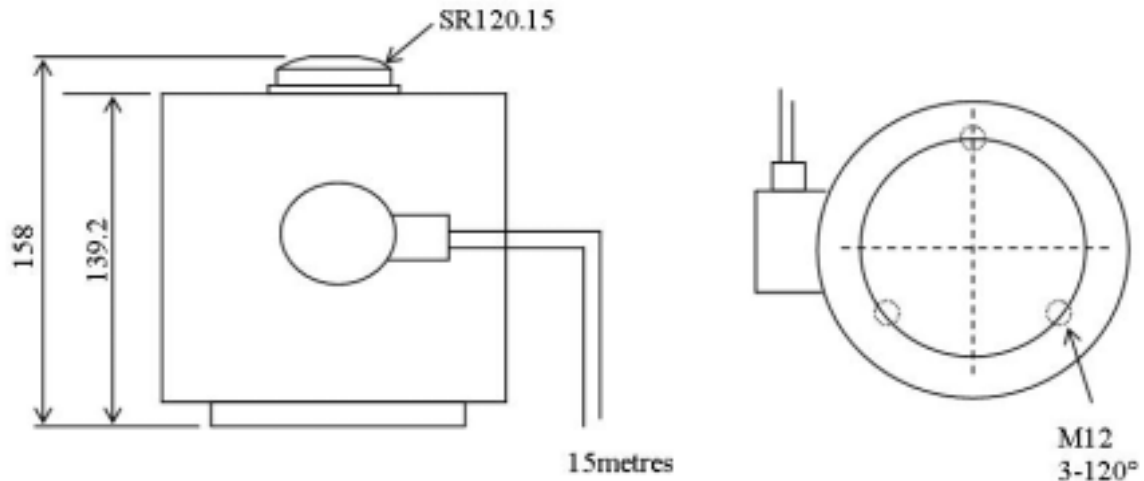
- Heavy duty weighing.
- Hopper Weighing
- Industrial Platforms.
- Test Rigs.
- Weigh bridges





Procter & Chester Measurements

PARAMETER		UNITS
Rated Capacities	50, 75, 100, 150	Te
Rated Output	1.5 ± 0.1%	MV/V
Total Error	0.03	±% of Rated Output
Zero Return after 30 minutes	0.03	±% of Applied Load
Zero Balance	1.5	±% of Rated Output
Temperature Range: Operating	-30 to +70	°C
Temperature Range: Compensated	-10 to +40	
Temperature Effect: On Output	0.005	±% of Applied Load/°C
Temperature Effect: On zero	0.01	±% of Rated Load/°C
Safe Overload	150	% of Rated Capacity
Ultimate Overload	200	% of Rated Capacity
Excitation: Recommended	10	Volts AC or DC
Excitation: Maximum	15	
Input Impedance	780 nominal	ohm
Output Impedance	705 nominal	ohm
Insulation Impedance	>2000	megaohm
Deflection at Rated Capacity	<0.4	mm
Weight (approximate) :	5.5kg (50Te, 75Te) 13Kg (100Te, 150Te)	kg
Construction	Stainless Steel housing, plated alloy steel sensor	
Environmental Protection	IP68	
Cable	15m	6 wire PVC Screened
Connections – Produces a positive signal in compression.	Excitation + Green Sense + Blue Excitation – Black Sense – Brown Signal + Red Signal – White	The Screen is not connected to the load cell body.
Revision Document Date	04/05	



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.