

S Type Load Cell

615 Series

50Kg – 1000Kg



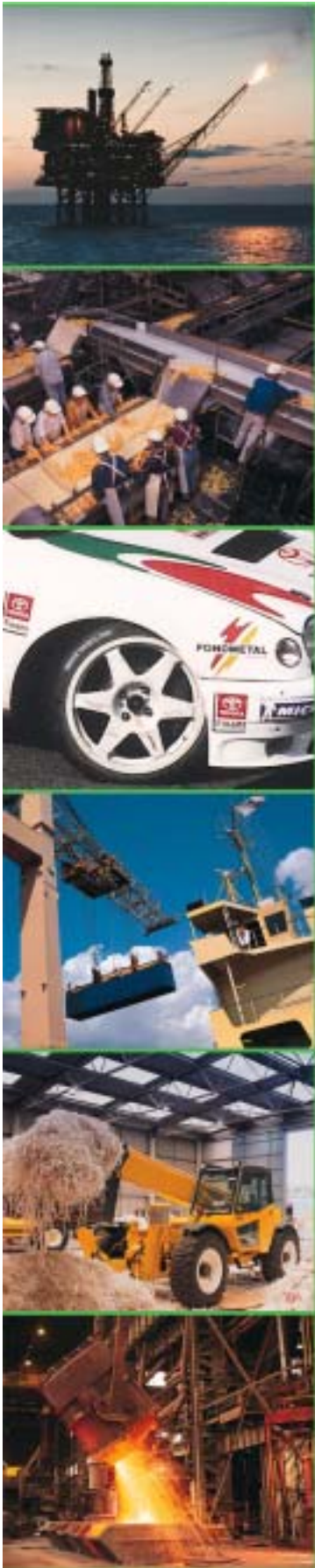
Model Shown : 615

FEATURES

- Nickel Plated alloy steel construction
- Sealed to IP67.
- Load Cell Accuracy 0.05% RO.
- Simple to install.
- Tension or compression applications

APPLICATIONS

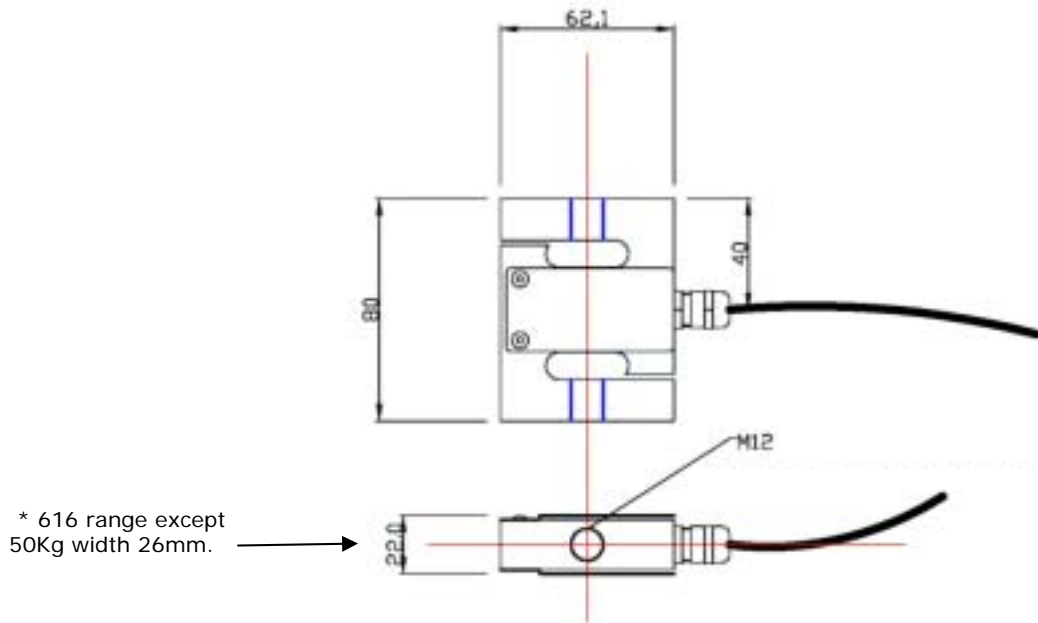
- Small Tanks & silos.
- Hanging scales.
- Conversion of mechanical scales to electronic scales.
- Test machines
- Process control





Procter & Chester Measurements

PARAMETER		UNITS
Rated Capacities	614 : 50, 100, 150, 200, 300	Kg
	615 & 616 : 50, 100, 150, 200, 300, 500, 750, 1000	
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	1	±% of Rated Output
Temperature Range: Operating Temperature Range: Compensated	-30 to +70 -10 to +40	°C
Temperature Effect: On Output	0.003	±% of Applied Load/°C
Temperature Effect: On zero	0.01	±% of Rated Load/°C
Safe Overload	150	% of Rated Capacity
Ultimate Overload	300	% of Rated Capacity
Excitation: Recommended Excitation: Maximum	10 15	Volts AC or DC
Input Impedance	400 nominal	ohm
Output Impedance	350 nominal	ohm
Insulation Impedance	>1000	megaohm
Deflection at Rated Capacity	NA	mm
Weight (approximate) :	0.7 nom	kg
Construction	614 Series – Aluminium 615 Series – Plated Alloy Steel 616 Series – Stainless Steel	
Environmental Protection	IP67	
Cable	3m 6 core screened	
Connections – Produces a positive signal in compression.	Excitation + Green Sense + Blue Excitation – Brown Sense – Black Signal + Red Signal – White	The Screen is not connected to the load cell body.
Document Revision Date	0505	



Dimensions in mm.