

S Type Load Cell

620 Series

500Kg – 5000Kg

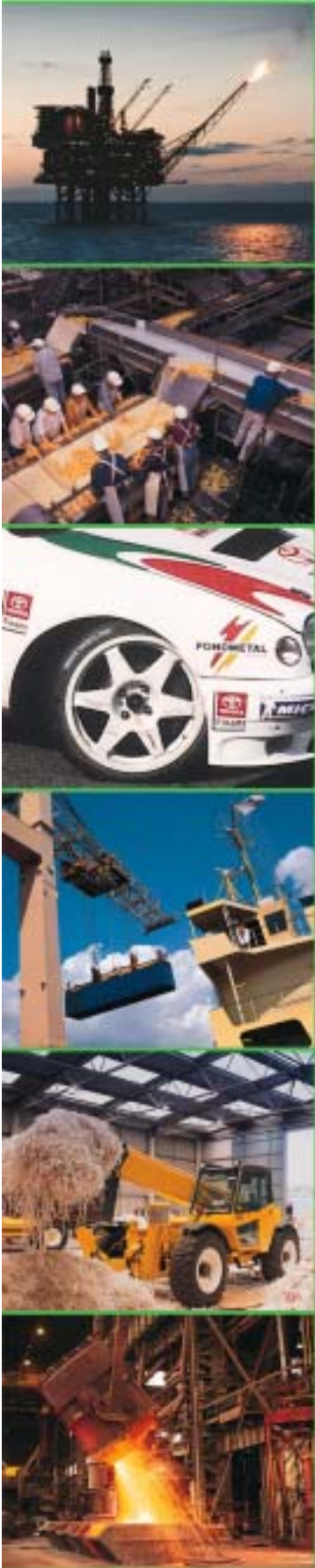


FEATURES

- Stainless Steel Construction.
- Sealed to IP68.
- Load Cell Accuracy 0.05% RO.
- Simple to install.
- Tension or compression applications

APPLICATIONS

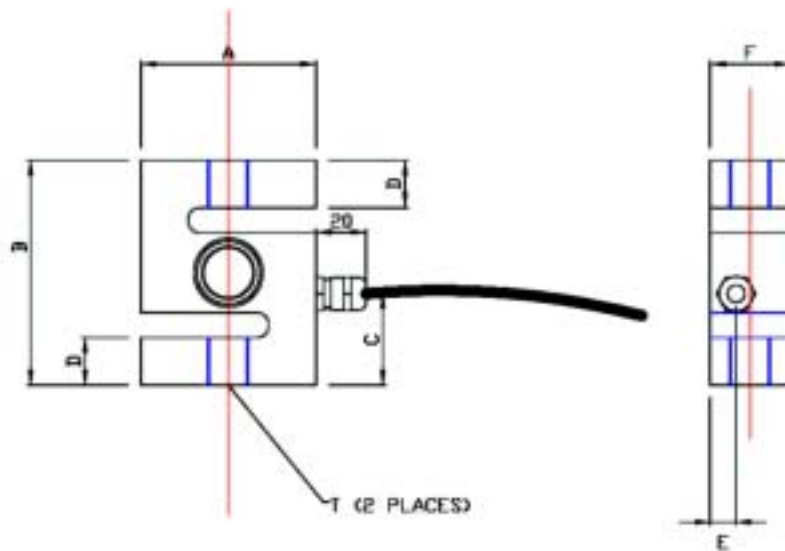
- Small Tanks & silos.
- Hanging scales.
- Conversion of mechanical scales to electronic scales.
- Test machines
- Process control





Procter & Chester Measurements

PARAMETER		UNITS
Rated Capacities	500, 1000, 2000, 5000	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	420 nominal	ohm
Output Impedance	350 nominal	ohm
Insulation Impedance	>1000	megaohm
Deflection at Rated Capacity	NA	mm
Weight (approximate) :	NA	kg
Construction	Stainless Steel	
Environmental Protection	IP68	
Cable	5m 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.
	0505	



CAP.	A	B	C	D	E	E	T
	70	90	36.6	19	10.4	32	500KG: M12X1.75 1000-2000KG: M16X2
5000 Kg	100	120	-	26	13.8	45	M24X2.0

Dimensions in mm