

PT SERIES

Industrial Pressure Transducers

0-35 bar to 0-1000 bar

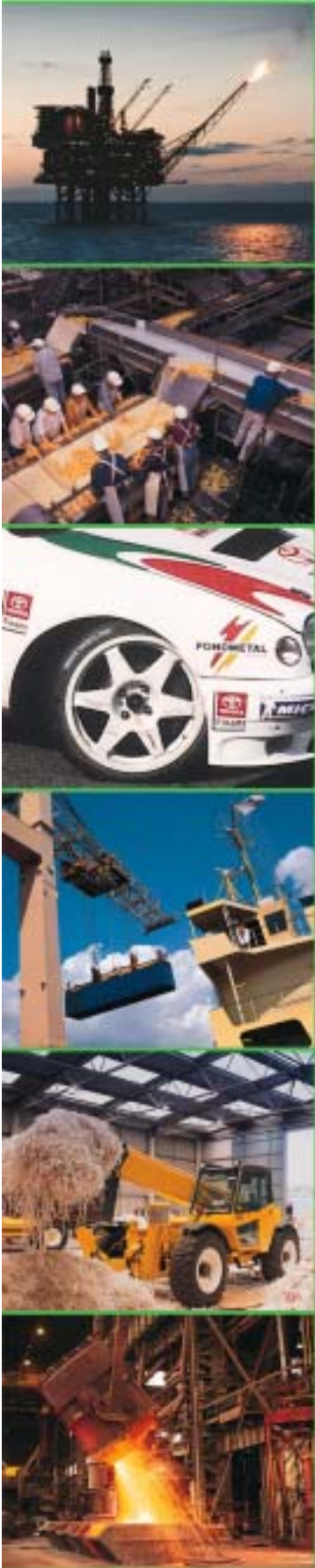


FEATURES

- Stainless steel construction withstands harsh operating environment and corrosive media.
- Contoured diaphragm ensures greater accuracy, repeatability and fatigue strength.
- Optimum diaphragm heat treatment contributes to a longer operating life.
- Internal Shunt-Calibration provides quick transducer and system calibration.
- Four arm Foil Strain Gauge wheatstone bridge.

APPLICATIONS

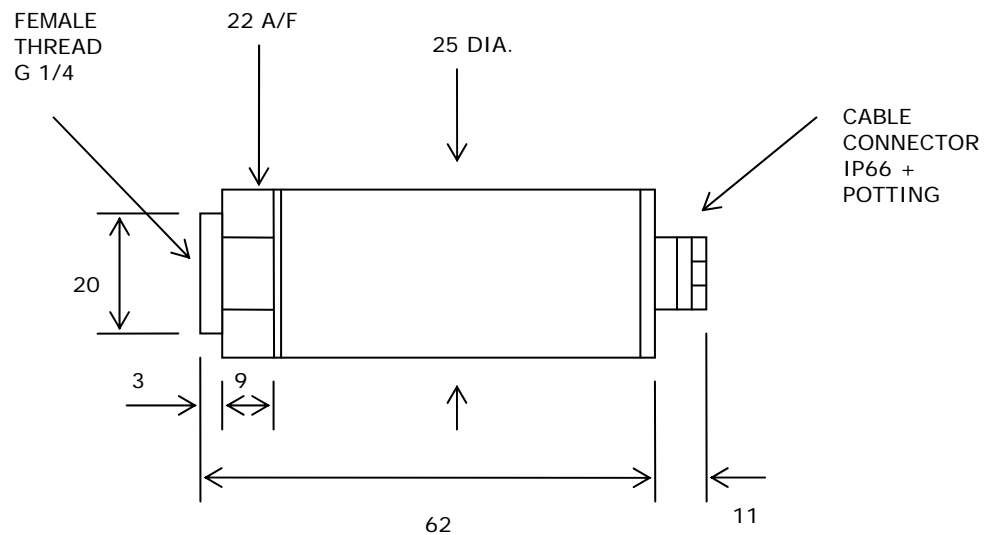
- Automotive cranes
- Industrial robots
- Concrete pumps
- Industrial tests.





Procter & Chester Measurements

PARAMETER		UNITS
Pressure Range	0-35, 0-50, 0-100, 0-150, 0-200, 0-350, 0-500, 0-700, 0-1000	bar
Rated Output	2.9 4-20 (option)	mV/V mA
Accuracy	0.25	±% of Rated Output
Zero Balance	1	±% of Rated Output
Temperature Range: Operating	-40 to +120	°C
Temperature Range: Compensated	0 to +120	
Temperature Effect: On Output	0.2	±% of full scale output /10°C
Temperature Effect: On zero	0.1	±% of full scale output /10°C
Burst pressure	300	% of Rated Capacity
Excitation: Recommended	5-10	Volts DC
Excitation: Maximum	12	
Input Impedance	350 nom	ohm
Output Impedance	350 nom	ohm
Insulation Impedance	>1000	megaohm
Internal shunt calibration	80	% full scale output ±0.5%
Material in contact with media	15-5 ph stainless steel	
Environmental Protection	IP66 cable connector	Plus potting for additional sealing
Cable	To order.	
Document Revision Date	0505	



DIMENSIONS IN MM