

ELLISON SENSORS Pressure Transducers

SERIES GS 4200 - 4-20mA Output Models

FEATURES

- All Stainless Steel Construction
- +/-0.25% Combined Error
- Industrial Standard 4-20mA Output
- Zero & Span Adjustment
- Wide Operating Temperature Range
- Outstanding Performance & Stability
- **THE EX STOCK TRANSDUCER**



DESCRIPTION

The Ellison Sensors GS4200 series pressure transmitter is designed for demanding applications where reliable pressure measurement is required and where good quality, fast delivery and low cost are high priority.

The GS4200 is the latest addition to the Ellison Sensors range, offering outstanding performance due to a unique "Silicon On Sapphire" diaphragm construction giving excellent stability over a wide temperature range. Accuracy of +/- 0.25% with an over pressure limit of twice nominal pressure, together with an output of 4-20mA and adjustable zero & span for ease of calibration. All models are supplied with 1/4" BSP thread process connection and a large DIN43650 Plug for electrical connection. The titanium pressure ports and stainless steel body offer high level of corrosion resistance with the overall transducer having an IP65 environmental rating.

Applications for the GS4200 include the continuous monitoring of oil, gas, water and other liquids in the process, industrial, medical and aerospace industries. Also ideal for the measurement and control of pressure in refrigeration, pneumatic, compressor, HVAC and engine monitoring systems.

SPECIFICATIONS

Pressure Ranges	500mBar to 1500 Bar	Over Pressure	2 x Rated Pressure
Output Span	4-20mA	Output Type	2 Wire
Combined Error	<+/-0.25% FSO	Repeatability	<+/-0.1% FSO
Long Term Stability	<+/-0.2% FSO	Supply Voltage	13-36V dc
Reverse Polarity	Protected	Load Driving Capacity	1150 ohms @ 36V dc
Pressure Media	Material Compatible Titanium	Media Temperature	-50 to + 120 deg C. MAX
Ambient Temperature	-40 to + 80 deg C. MAX	Temperature Effect – Zero	<+/-0.03% deg C.
Temperature Effect – Span	<+/-0.03% deg C.	Humidity	95% R.H.
Pressure Connection	1/4" BSP Male	Electrical Connection	DIN Plug
Environmental Rating	IP65	Weight	90 grams

OCEAN CONTROLS

4 FERGUSON DRIVE

BALNARRING VIC. 3926

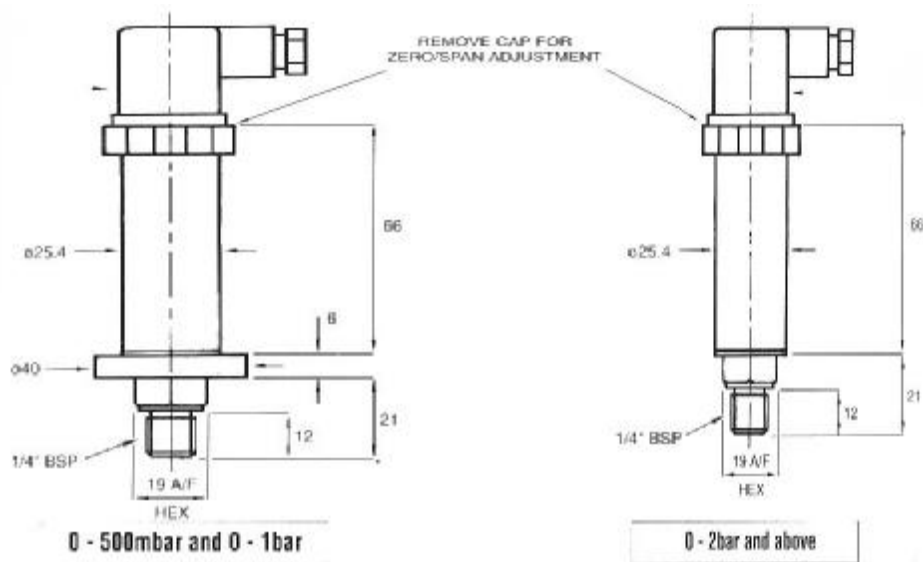
PHONE: (03) 5983.1163, FAX: (03) 5983.1120

Email: ocontrol@pac.com.au

ELLISON SENSORS Pressure Transducers

SERIES GS 4200 - 4-20mA Output Models

DIMENSIONS



STOCKED PRESSURE RANGES:

0-1 Bar Vacuum	0-2.5 Bar	0-20 Bar	0-250 Bar
0-500mBar	0-4 Bar	0-25 Bar	0-400 Bar
-1 Bar /+2.5 Bar	0-6 Bar	0-40 Bar	0-600 Bar
0-1 Bar	0-10 Bar	0-60 Bar	0-1000 Bar
0-1.6 Bar	0-16 Bar	0-100 Bar	0-1500 Bar

Special ranges and calibrations in any measurement units (eg PSIG, KPa, mtrsWG etc) can be supplied at no additional cost.

OCEAN CONTROLS

4 FERGUSON DRIVE
 BALNARRING VIC. 3926
 PHONE: (03) 5983.1163, FAX: (03) 5983.1120
 Email: ocontrol@pac.com.au