



- **ADVANCED DIAPHRAGM CONSTRUCTION).**
- **ACCURATE TO $\pm 0.25\%$**
- **4-20 mA OUTPUT AS STANDARD.**
- **ZERO AND SPAN ADJUSTABLE.**
- **PRESSURE RANGES 0 - 500 mbar to 0 - 1500 bar.**
- **WIDE OPERATING TEMPERATURE RANGE.**
- **OUTSTANDING PERFORMANCE AND STABILITY.**
- **AVAILABLE EX-STOCK.**
- **CE APPROVED**

DESCRIPTION

The GENSPEC STANDARD GS4200 pressure transmitter is designed for demanding applications where pressure measurement is required and where good quality fast delivery and low cost are high priority.

The GS4200 STANDARD is the latest addition to the GENSPEC family, offering outstanding performance due to a unique S.O.S. diaphragm construction giving excellent stability over a wide temperature range. Accuracy is $\pm 0.25\%$ with an over pressure limit of twice the nominal pressure, together with an output of 4-20 mA and adjustable zero and span for ease of calibration. All models are supplied with 1/4 " BSP thread connection. The titanium pressure ports offer high levels of corrosion resistance.

Applications for the GENSPEC STANDARD 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..

SPECIFICATION

INPUT

Pressure range 0.5 bar to 1500 bar
 Overpressure..... 2 x Rated Ppressure

OUTPUT

Span..... 4-20 mA
 Type..... 2 wire

ACCURACY

Combined non - linearity /hysteresis.. < ± 0.25 % F.S.O.
 Repeatability..... < ± 0.1 % F.S.O
 Long Term stability..... < ± 0.2 % F.S.O

ELECTRICAL

Supply voltage..... 13-36Vdc
 Reverse polarity..... Protected
 Load driving capability..... 1150Ω @ 36vdc

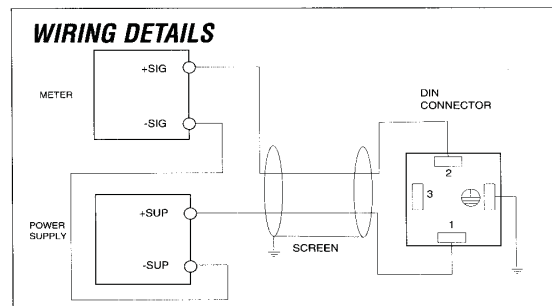
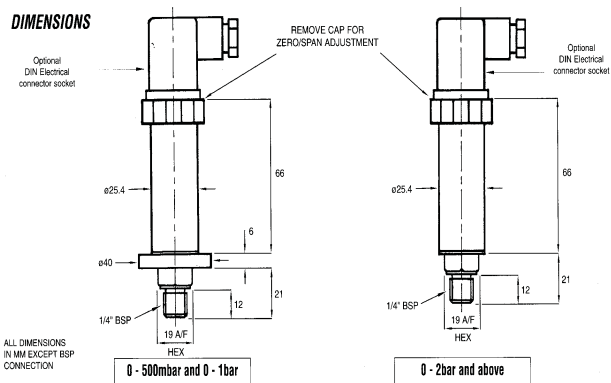
ENVIRONMENTAL

Pressure media..... Materials compatible with Titanium
 Media temperature..... -50 to -120°C
 Ambient temperature..... -40 to +80°C
 Temperature effect zero..... <± 0.03%°C
 Temperature effect span..... <± 0.03%°C
 Humidity..... 0-95%RH

PHYSICAL

Pressure connection..... 1/4"BSP Male (others on request)
 Enclosure connection..... DIN Plug to Din 43650
 Enclosure Rating IP65
 Weight 95 grams

DIMENSIONS / WIRING DETAILS



Elison Sensors operate a policy of continuous development in design and manufacture. We reserve the right to change specifications without prior notice.

ORDERING INFORMATION

STATE MODEL NUMBER AND PRESSURE RANGE REQUIRED:- i.e. Gs 4200 CODE 2: 0-12.5Mbar

MODEL NO.	DESCRIPTION
Gs 4200	Std .Process Pressure transmitter 0-500 mbar TO 0-1500 bar

PRESSURE RANGES

0-1 bar VAC	PRESSURE RANGES	
0-500 mbarg	0-10 barg	0-160 barg
0-1 barg	0-16 barg	0-250 barg
0-1.6 barg	0-25 barg	0-400 barg
0-2.5 barg	0-40 barg	0-600 barg
0-4 barg	0-60 barg	0-1000 barg
0-6 barg	0-100 barg	0-1500 barg

For more information contact your distributor:



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