



Series 9100

Pressure Transmitters

Standard Features

- 0.25% accuracy
- Temperature corrected
- 4-10mA 2 wire or 0.5-4.5V 3 wire
- Sensor to IP68 (100 metres)
- Transmitter to IP65
- 6:1 turndown

Optional Features

- 0.1% accuracy
- 5 digit local indicator
- Integral power supply
- **ATEX Approval for Hazardous Environments**

Ancillary Equipment

- Analogue indicators
- Digital indicators
- Alarm & control relays

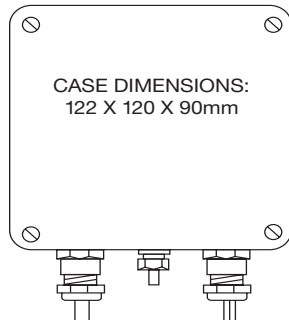
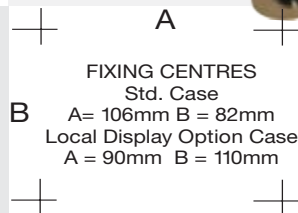


The Ashridge range of Pressure Transmitters have been specifically designed to a very high specification with rugged reliability.

 II 1G Ex ia IIC T4

Series 9100

Pressure Transmitter



SPECIFICATION

Range adjustment: 6:1 of nominal range

Zero adjustment: $\pm 10\%$ (user adjustable).

Operating temperature range:

Sensor: -30 to 90°C , Electronics: -25 to 70°C

Accuracy

Standard 0.25% (inc the effects of linearity, hysteresis and repeatability)

0.1% available as option.

Zero temperature coefficient: $<\pm 0.01\%$ per $^{\circ}\text{C}$ of nominal range between -25 and 70°C .

Span temperature coefficient: $<\pm 0.02\%$ per $^{\circ}\text{C}$ of nominal range between -25 and 70°C

Output signal: 4-20ma 2 wire or 0.5-4.5V 3 wire.

Supply voltage: 10-30 Volts DC.

Cable: Various to suit application.

Ex II 1G Ex ia IIC T4 Ga ($-25^{\circ}\text{C} \leq \text{Ta} \leq +70^{\circ}\text{C}$)

OPTIONS/ORDERING CODE

9100/

9100 Integral Pressure Transducer / Transmitter with $1/4"$ BSPF pressure connection.

9100/x10

Material and nominal range of capsule in metres water gauge, i.e. Inconel 10 metres w.g.

Nominal ranges: 1,4,10, 50, 100, 200 metres water gauge.

9100/x10/10

Specify cable length in metres, i.e. 10 metres.

9100/x10/10/3.948

Specify factory set range in metres water gauge i.e. 3.948 metres w.g.

9100/x10/10/3.948/D2

Special options i.e. D2 = 5 digital LCD local display (linear only)

PSU2a = Universal power supply (24-280Vac/dc),_ power supply (24-280Vac/dc).

AGENT



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Subject to change without notification