



Series 9200

Level & 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

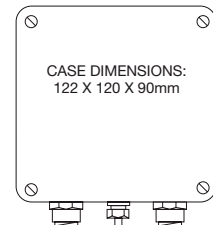
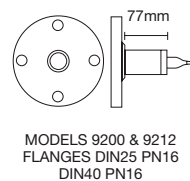
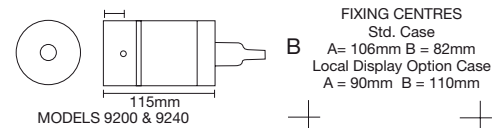
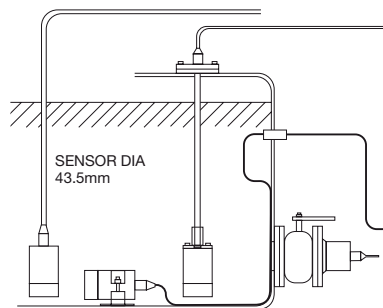
Series 9200

Level & Pressure Transmitter



MODELS

- 9200 Sensor suspended by 6 core cable.
- 9203 9200 with diaphragm & 3 stand off legs.
- 9209 9200 with DIN50 PN16 St/St Flange.
- 9210 Sensor with 40 NB PN16 Flange.
- 9212 Sensor with 25 NB PN16 Flange.
- 9220 Sensor with tank fixing clamp.
- 9230 Sensor with pole adaptor.
- 9231 9230 with monel caps & short pole.
- 9240 Remote pressure sensor with 1/4"
- 9250 9240 with 3/4 KDG NRV type fitting.
- 9255 9200 with slip flange.
- 9240 Remote pressure sensor with 1/4" BSP female pressure connection.



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.

OPTIONS/ORDERING CODE

- 9200/**
- 9200 Sensor suspended by 6 core cable.
- 9200/x10**
- Material and nominal range of capsule in metres water gauge, i.e. Inconel 10 metres w.g.
- Nominal ranges: 1,3,10, 50, 100, 200 metres water gauge.
- 9200/x10/10**
- Specify cable length in metres, i.e. 10 metres.
- 9200/x10/10/3.948**
- Specify factory set range in metres water gauge i.e. 3.948 metres w.g.
- 9200/x10/10/3.948/D2**
- Special options i.e. D2 = 5 digital LCD local display (linear only)
- PSU2a = Universal power supply (24-280Vac/dc).

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

AGENT



Ashridge Engineering Ltd.
 Unit 1a, 58 North Road Industrial Estate,
 Okehampton, Devon, EX20 1BQ
 United Kingdom
 t: +44 (0) 1837 53381
 f: +44 (0) 1837 55022
 e: sales@ash-eng.co.uk
 www.ash-eng.co.uk



9200-240909
 Subject to change without notification