

ATEX Approved Series 9000

LEVEL & PRESSURE TRANSMITTER
SYSTEM



Standard Features

- › 0.25% accuracy
- › Temperature corrected
- › 4-20mA 2 wire or 0.5-4.5V 3 wire
- › Sensor to IP68 (100 metres)
- › Transmitter to IP65

Optional Features

- › 0.1% accuracy
- › 5 digit local indicator

The Ashridge range of ATEX Approved Level and Pressure Transmitters have been specifically designed for use in Hazardous Areas to a very high specification with rugged reliability

Series 9000 Level & Pressure Transmitters	
Certificate Number:	Baseefa09ATEX0223X
Transmitter:	ExII 1G Ex ia IIC T4 Ga (-25°C ≤ Ta ≤ +70°C)
Sensor:	ExII 1G Ex ia IIC T4 Ga (-25°C ≤ Ta ≤ +90°C)

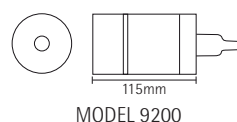
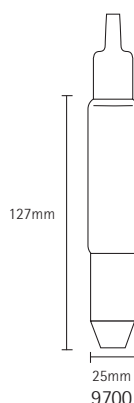


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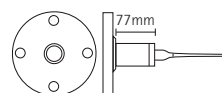
LEVEL & PRESSURE TRANSMITTER SYSTEM

MODELS

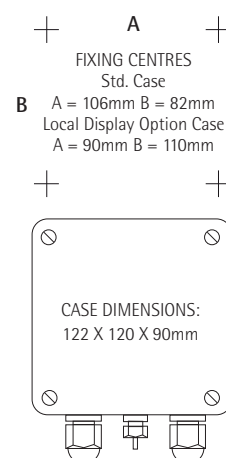
- 9200 Sensor with 1/4" BSP Female pressure connection suspended by 6 core cable
- 9201 9200 with holes in end cap
- 9212 Sensor with 25 NB PN16 Flange
- 9700 Sensor suspended by 6 core cable



MODEL 9200



MODEL 9212
FLANGE DIN25 PN16



SPECIFICATION

Series 9200 / 9700	
Range adjustment	Zero adjustment: $\pm 10\%$ (user adjustable).
Operating temperature range	Sensor: -25 to 90°C , Transmitter: -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	9-30 Volts DC.
Cable	6 core, vented

Series 9000 Level & Pressure Transmitters	
Certificate Number:	Baseefa09ATEX0223X
Transmitter:	ExII 1G Ex ia IIC T4 Ga ($-25^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$)
Sensor:	ExII 1G Ex ia IIC T4 Ga ($-25^{\circ}\text{C} \leq T_a \leq +90^{\circ}\text{C}$)



OPTIONS/ORDERING CODE

9200/

Indicate model (see above).

9200/X10

9200 ranges:

4, 6, 8, 10, 12, 20, 50, 100 and 200 metres water gauge

9700 ranges:

10, 20, 50, 100 and 200 metres water gauge.

9200/X10/50

Specify cable length in metres.

9200/X10/50/0-8

Specify factory set range in metres water gauge.

9200/X10/50/0-8/D2

Special options, ie D2 = 5 digit LCD local display (linear only)

9200/X10/50/0-8/D2/ATEX

For use in Hazardous Areas, ATEX Approved unit is required

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.com

www.ash-eng.com

ATEX-0317

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www.ash-eng.com