



# Series 9311

## Hygienic Filler Bowl Level 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

Awaiting Image

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

 II 1G Ex ia IIC T4

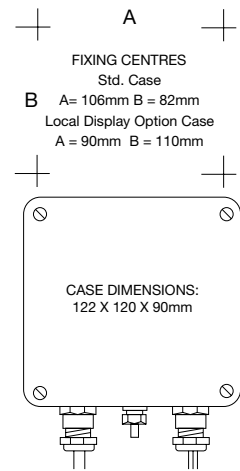
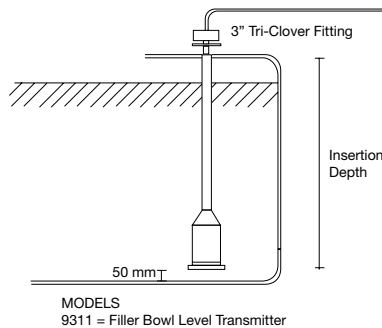
# Series 9311

## Hygienic Filler Bowl Level Transmitter



### MODELS

9311 Filler Bowl Transmitter



### SPECIFICATION

**Range adjustment:** 6:1 of nominal range

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

**Operating temperature range:**

Sensor:  $-30$  to  $90^{\circ}\text{C}$ , Electronics:  $-25$  to  $70^{\circ}\text{C}$

**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  $70^{\circ}\text{C}$ .

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

**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

**9311/**

9311 Filler Bowl Sensor with 3" Tri-Clover Fitting.

**9311/x1**

Material and nominal range of capsule in metres water gauge, i.e. Inconel 1 metre w.g.

**9311/x1/10**

Cable length in metres.

**9311/x1/10/525**

Insertion depth in mm.

**9311/x1/10/525/240**

Specify factory set range in mm water gauge i.e. 240mm w.g.

**9311/x1/10/525/240/D2**

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

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

AGENT

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