

Pressure

Sensit Trident Series Submersible Level-Depth Transmitter

Product Data Sheet DS2801

The Sensit Trident Series Level/Depth Transmitter is a temperature compensated pressure transmitter designed for the measurement of liquid level in many applications, such as pump testing, reservoir, borehole, river and tank levels. The unit is of welded construction and is ideal for even the most onerous of applications.

- Lightning protection as standard
- Superb chemical and corrosion resistance
- Excellent linearity
- Wide operational & compensated temperature range
- Rugged construction
- Excellent long term stability
- CE Compliant



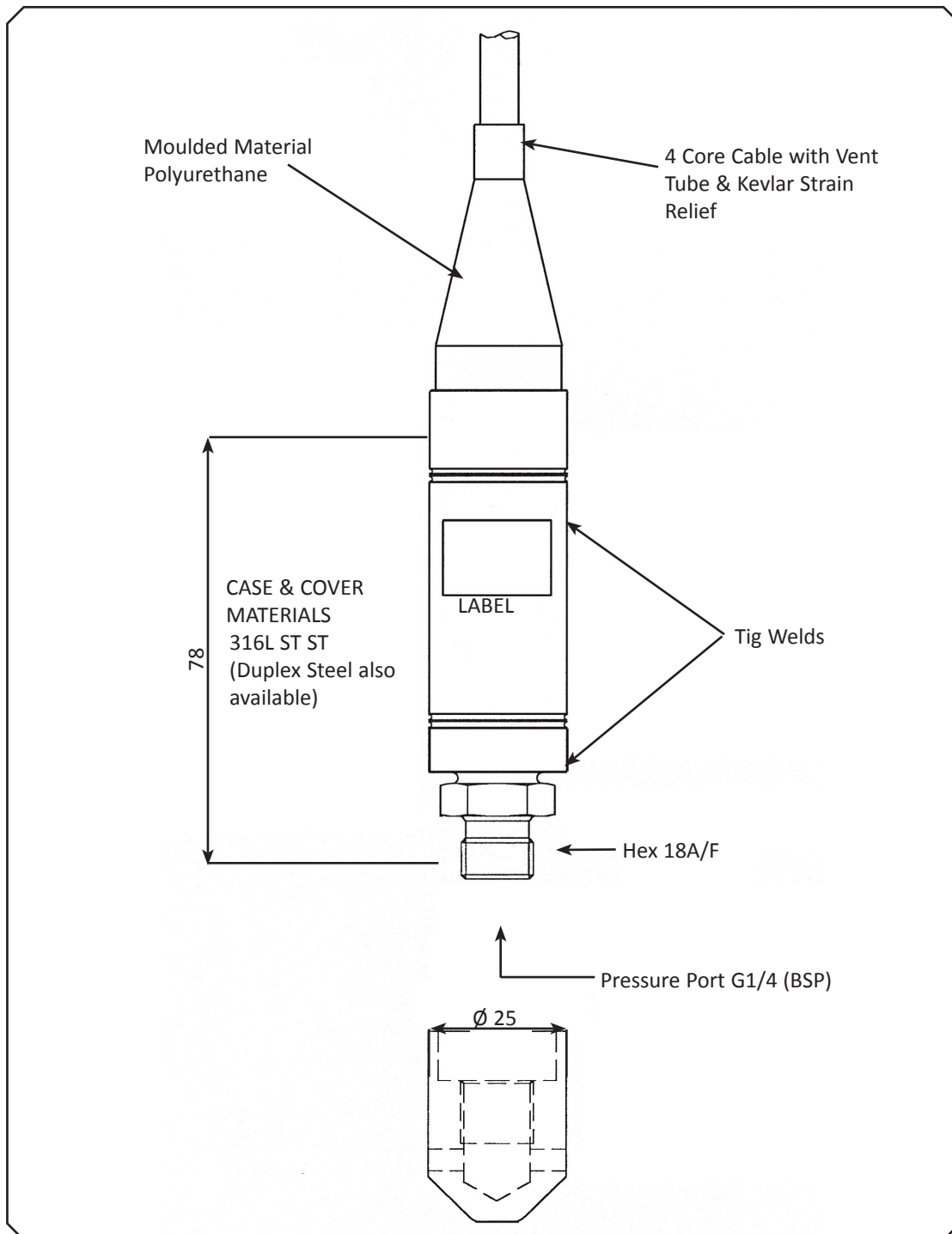
Specification

Pressure Ranges	Available from 1mWG to 200mWG (>200mWG possible, on request). Absolute version available from 5mWG (>5mWG possible, on request).
Power Supply	10 to 32Vdc
Output	4 to 20mA (two wire)
Zero and Span Setting	±1% of span
Non Linearity, Hysteresis & Repeatability (NLH)	<±0.25% of span
Compensated Temp	0°C to 60°C
Operating Temp	-10°C to 60°C
Thermal Effects	Zero: <±0.015% span/°C Span: <±0.015% reading/°C typical
Safe Over-range	1.5 x rated range minimum
Burst Pressure	3 x rated range minimum
Long Term Stability	0.1% span/12 months
EMC Protection	Compliant to latest EMC standards
Electrical Connection	PUR vented cable
Wetted Materials	316L stainless steel, alumina ceramic, polyurethane, acetal and Viton O-ring

Options

- Materials: duplex stainless steel
- O-ring materials: nitrile, others available
- Output: active mV/voltage
- Calibrated ranges: bar, psi or liquid depth (SG to be specified)
- NL&H : <±0.1% of span
- Intrinsically safe to EEx ia IIC T4 (mA only)
- Cost effective stainless steel gland

Dimensions (mm)



Submersible transducers and transmitters must be installed to the RM&C recommended method, please contact the Bramley sales office on +44 (0)1256 884900 for details

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