

Trident Series Submersible Level/Depth

The 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



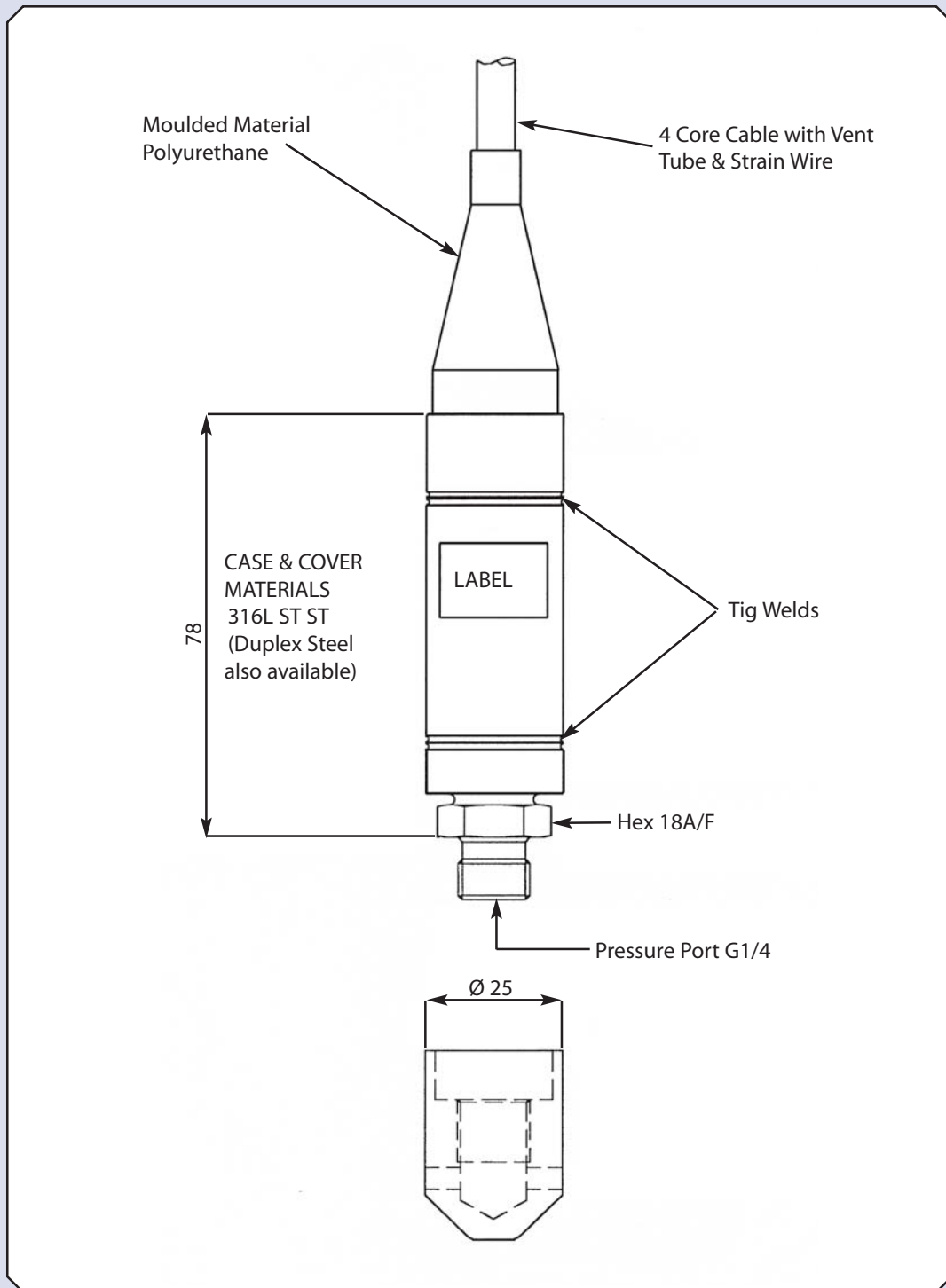
SPECIFICATION

Pressure Ranges	Available from 1mWG to 500mWG vented. Absolute available from 2.5mWG
Power Supply	10 to 32Vdc
Output Options	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	Meets EN50082-2
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
- 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)
- Germanischer Lloyd approval (mA only)
- Cost effective stainless steel gland

DIMENSIONS



Every effort has been made during the preparation of this document to ensure the accuracy of statements and specifications. However, we do not accept liability for damage, injury, loss or expense caused by errors or omissions made. We reserve the right to withdraw or amend products or documentation without notice.

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