

PRESSURE

Product Data Sheet

DS2801

Submersible Level/Depth Transmitter

TRIDENT SERIES

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 level, borehole level, river level & tank level. 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



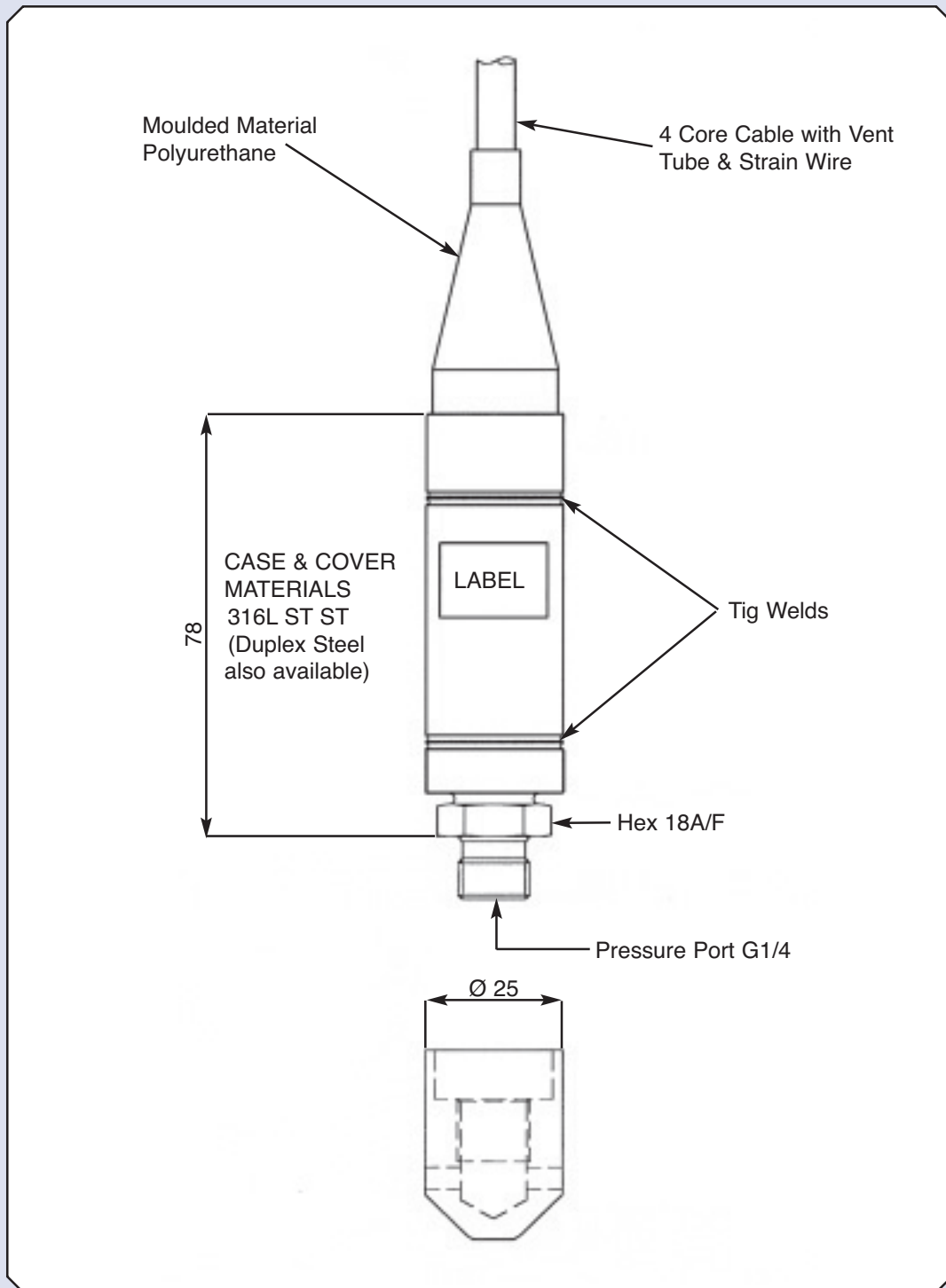
STANDARD SPECIFICATION

Pressure Ranges	Available from 1mWG to 500mWG vented. Absolute available from 2.5mWG
Power Supply	10 to 32V DC
Output Options	4 to 20mA (2-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 Drift	Zero <±0.015%/span/°C Span <±0.015%/°C typical
Safe Over-range	1.5 x rated range minimum
Burst Pressure	3 x rated range minimum
Long Term Stability	0.1%/12 months typical
EMC Protection	Meets the requirements for CE marking to 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 available
- Intrinsically Safe to EEx ia IIC T4 (mA only)
- Germanischer Lloyd Approval (mA only)
- Cost effective Stainless Steel Gland available

DIMENSIONS



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