

# PFT Hydrostatic Level Sensor—Corrosion Resistant



## DS2802

### Features:

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



### Description:

The Sensit Trident Series Transmitter has been specifically designed for the harsh environment of monitoring level of liquids in land fill and effluent sites. The materials of construction ensure protection from even the most aggressive leachates in these applications.

## Specification

<b>Pressure Ranges</b>	Available from 1mWG to 200mWG (>200mWG possible, on request). Absolute version available from 5mWG (>5mWG possible, on request)
<b>Power Supply</b>	10 to 32Vdc
<b>Output Options</b>	4 to 20mA (two wire)
<b>Zero and Span Setting</b>	±1% of span
<b>Non Linearity, Hysteresis &amp; Repeatability (NLH)</b>	<±0.25% of span
<b>Compensated Temp</b>	0°C to 60°C
<b>Operating Temp</b>	-10°C to 60°C
<b>Thermal Effects</b>	Zero: <±0.015% span/°C Span: <±0.015% reading/°C typical
<b>Safe Over-range</b>	1.5 x rated range minimum
<b>Burst Pressure</b>	3 x rated range minimum
<b>Long Term Stability</b>	0.1% span/12 months typical
<b>EMC Protection</b>	Meets EN2004/108/EC
<b>Electrical Connection</b>	PUR vented cable
<b>Wetted Materials</b>	DUPLEX stainless steel, alumina ceramic, polyurethane, acetal and chemraz O-ring



## Options

- Output: active mV/voltage
- Calibrated ranges: bar, psi or liquid depth (SG to be specified)
- Improved NLH : <±0.1% span
- Intrinsically safe to EEx ia IIC T4 (mA only)

### Note:

Due to the varying composition of Leachate we strongly advise the customer to check for material compatibility prior to purchase as RM&C are unable to guarantee against corrosion of wetted parts when in contact of unknown substances.

### General Note

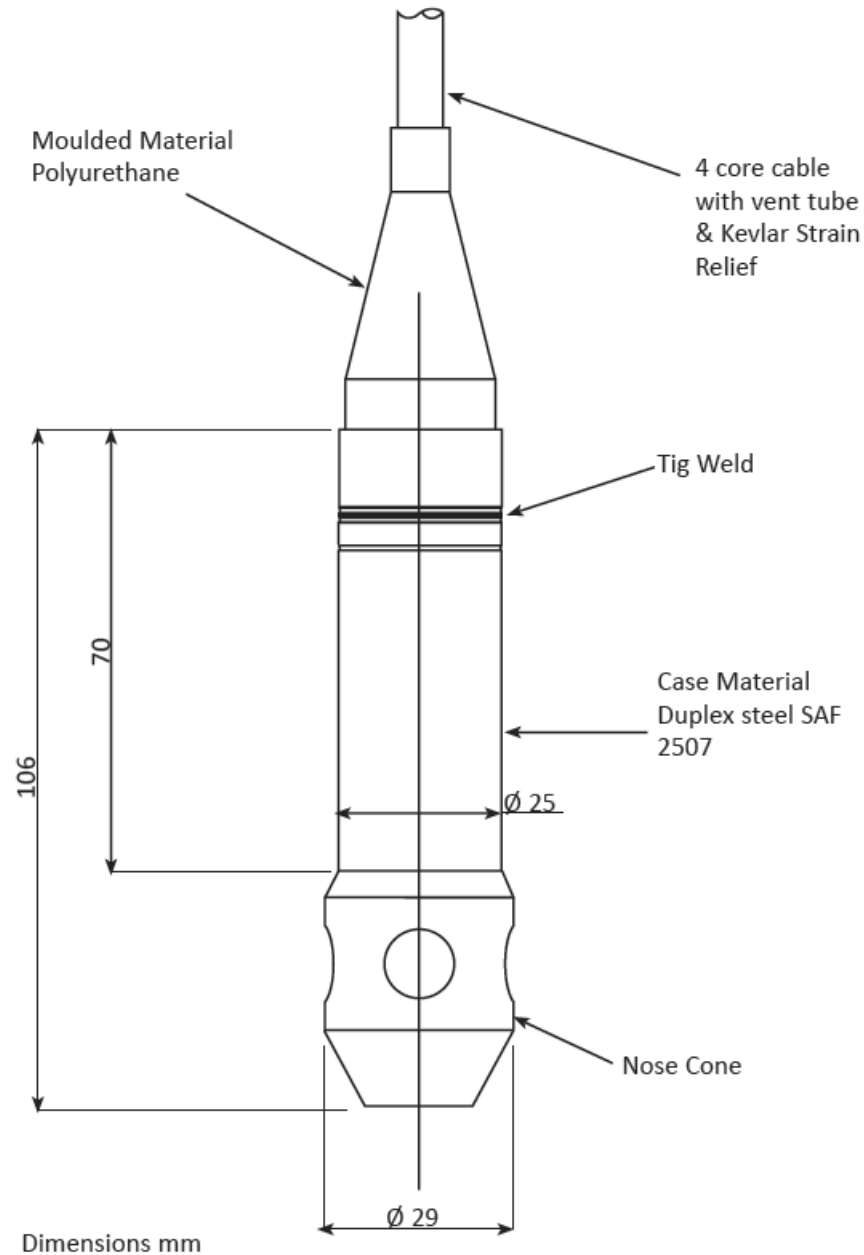
TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control  
2 Downgate Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521  
www.ttelectronics.com | RoxspurSales@ttelectronics.com

# PFT Hydrostatic Level Sensor—Corrosion Resistant



## 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.

General Note  
TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control  
2 Downton Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521  
www.ttelectronics.com | RoxspurSales@ttelectronics.com