

# LSPTD

## Static Pressure Transmitter

### Product Overview

The LSPTD pressure transmitters are a cost effective pressure monitoring solution for liquids and non aggressive gases. The units are available in a number of different ranges with either a 4-20mA or 0-10Vdc output signal. Mechanical connection is via a 1/4" BSP male thread and electrical connection is made via a one metre cable

The compact design and rugged stainless steel construction makes the LSPTD suitable for a wide range of applications.



### Features

- Robust Stainless Steel Construction
- 1/4" BSP Pipe Connection
- 0-10Vdc and 4-20mA Variants
- Complete With 1m cable

### Product Specifications

<b>Range:</b>	500mbar to 40 bar - (higher values available)	
<b>Maximum Pressure:</b>	2 x Range (Burst 3 x range)	
<b>Accuracy:</b>	1% FSD	
<b>Pressure Connection:</b>	1/4" BSP Male	
<b>Electrical Connection:</b>	1m Cable	
<b>Power Supply:</b>	<b>0-10Vdc</b>	13 - 30Vdc
	<b>4-20mA</b>	10 - 30Vdc
<b>Consumption:</b>	<b>0-10Vdc</b>	10mA
	<b>4-20mA</b>	38mA
<b>Loop Resistance:</b>	<b>0-10Vdc</b>	0-5K ohms
	<b>4-20mA</b>	0-1K ohms
<b>Material:</b>	316L Stainless Steel	
<b>Operating Temp:</b>	-18°C to +80°C	
<b>Dimensions:</b>	82(L) x 22mm Ø (max.)	
<b>Weight:</b>	283 gms	
<b>Protection:</b>	IP65	
<b>Approvals:</b>	CE	
<b>CE Conformity:</b>	97/23/EC, EMC 2004/108/EEC EN61 326	
<b>Country of Origin:</b>	USA	

### Order Codes

LSPTD-y-xx - Static Pressure Transmitter

Where y = I for Current or V for Voltage and xx = Range as follows:

<b>-500mBar</b>	<b>-6Bar</b>
<b>-1Bar</b>	<b>-10Bar</b>
<b>-1.5Bar</b>	<b>-16.0Bar</b>
<b>-2.0Bar</b>	<b>-25.0Bar</b>
<b>-2.5Bar</b>	<b>-40.0Bar</b>
<b>-4.0Bar</b>	

# LSPTD

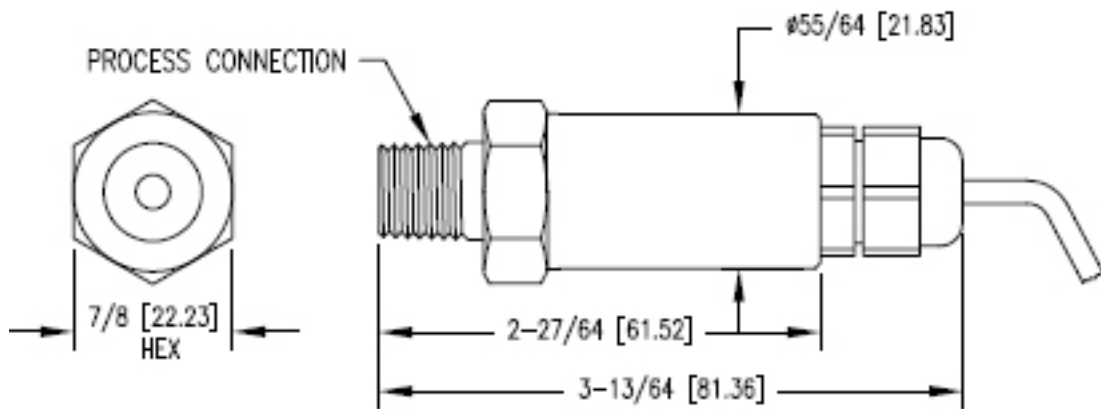
## Static Pressure Transmitter

### Installation

The LSPTD should be installed by a suitably qualified technician in accordance with prevailing regulations and any guidelines for the equipment to which it is to be connected. The LSPTD is not suitable for use with mains voltage.

The LSPTD is for use in systems under pressure and should be installed in accordance with practices relevant to the intended use only by persons qualified to do so. A typical use might be an LPHW system where the transmitter would be screwed directly into a 1/4" BSP socket in steel pipework using a sealing compound around the thread if appropriate. A hexagonal surface is cast into the body for turning the unit using a spanner or wrench. Gripping devices such as stilson wrenches or swan neck pliers must not be used on the smooth cylindrical part of the body as this can damage the transmitter.

### Dimensions



### Wiring: nb. comes complete with 1m cable

