



Product Overview

The AX-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 AX-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

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

Order Codes

AX-LSPTD-y-xx - Static Pressure Transmitter

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

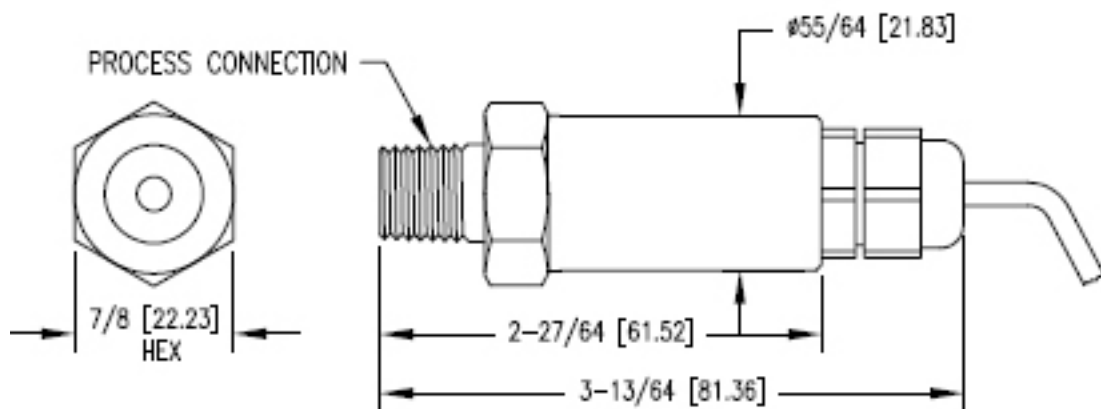
-500mBar	-6Bar
-1Bar	-10Bar
-1.5Bar	-16.0Bar
-2.0Bar	-25.0Bar
-2.5Bar	-40.0Bar
-4.0Bar	

Installation

The AX-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 AX-LSPTD is not suitable for use with mains voltage.

The AX-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

