

## Main Features

- Stainless steel and mild steel construction
- Magnetically shielded
- Radial exit
- Non-captive core & extension
- 6 Pin MS connector

## Notes

- **Not pressure tested**

## Technical Specification

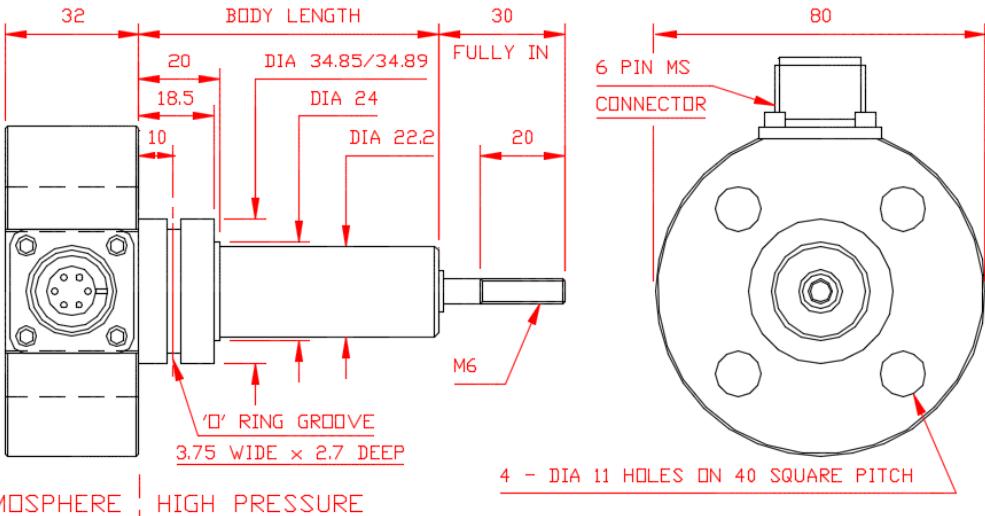
Product Code	PE
Stroke	±25mm to ±500mm
Input Voltage	5V RMS @ 3kHz (others available)
Sensitivity	50 – 460mV/V/FRO (dependant on stroke)
Non-Linearity	±0.5% of full range, (higher specification can be achieved at extra cost)
Repeatability	Better than 0.1%
Resolution	Infinite (dependent on measuring instrument)
Frequency Response	3dB @ 180Hz (dependent on conditioning unit)
Current Range	0.5mA – 8mA
Temperature (standard)	-30° C to + 150° C
Temperature (very high)	-30° C to + 200° C
Vibration Resistance	20g up to 2kHz
Shock Resistance	1000g for 10 milliseconds
Coil Impedance	600Ω + 100Ω (3kHz)
Insulation Resistance	Above 10MΩ at 500VDC (between pins and case)
Dielectric Strength	500V RMS for one minute (between pins and case)
Magnetic Shielding	Internal magnetic shielding
Construction Material	Stainless steel flange with mild steel body
Connector Sealing	IP55

**Please note that this type of LVDT is not pressure tested**

## Option    Description

VH	Very high temperature 200°C
L	Increased linearity, $\pm 0.25\%$

## Dimensions

<b>CONNECTIONS</b> PIN A : PRIMARY +VE PIN B : PRIMARY -VE PIN C : SECONDARY 2 -VE PIN D : SECONDARY 2 +VE PIN E : SECONDARY 1 +VE PIN F : SECONDARY 1 -VE	
	32    20    18.5    BODY LENGTH    DIA 34.85/34.89    30    FULLY IN 10    DIA 24    DIA 22.2    20 'O' RING GROOVE 3.75 WIDE x 2.7 DEEP M6 6 PIN MS CONNECTOR 80 4 - DIA 11 HOLES ON 40 SQUARE PITCH
+/−500 +/−400 +/−300 +/−250 +/−200 +/−175 +/−150 +/−125 +/−100 +/−75 +/−50 +/−25	1350 1100 850 750 628 563 510 435 375 320 246 160
<b>STROKE (mm)</b>	<b>BODY LENGTH (mm)</b>