

## 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

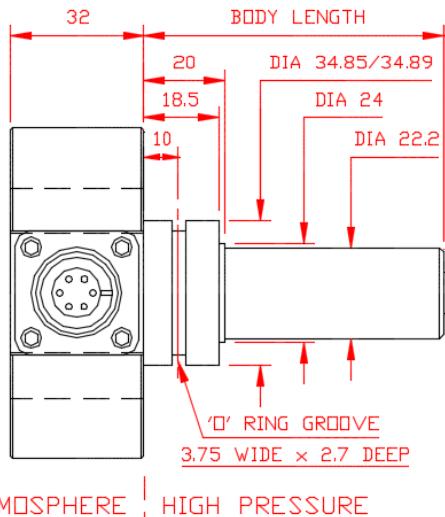
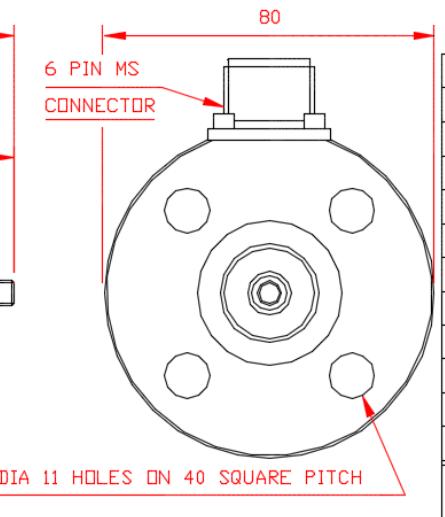
Product Code	PE
Stroke	±25mm to ±500mm
Input Voltage	9-24 VDC (dependent on conditioning unit)
Non-Linearity	±0.5% of full range, (higher specification can be achieved at extra cost)
Repeatability	Better than 0.1%
Resolution	Infinite (dependent on measuring instrument)
Frequency Response	3dB @ 180Hz
Vibration Resistance	20g up to 2kHz
Shock Resistance	1000g for 10 milliseconds
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

I	4-20mA Output (Datasheet SS0192)
U	0-5V Output (Datasheet SS0394)
U-10	0-10V Output (Datasheet SS0394)
D	DC Bipolar Output (Datasheet SS0393)
Y	Reverse output (e.g. 4mA fully in instead of default 20mA)
L	Increased linearity, $\pm 0.25\%$

## Dimensions

MTN/PEI____-1	MTN/PED____-1	MTN/PEU____-1	MTN/PEU____-10-1																											
4-20mA OUTPUT 20 mA FULLY IN	+/-.25V OUTPUT +2.5V FULLY IN	0-5V OUTPUT 5V FULLY IN	0-10V OUTPUT 10V FULLY IN																											
CONNECTIONS	CONNECTIONS	CONNECTIONS	CONNECTIONS																											
PIN A : +VE SUPPLY PIN B : 0 VOLTS COMMON PIN C : NO CONNECTION PIN D : 4-20mA OUTPUT PIN E : NO CONNECTION PIN F : NO CONNECTION	PIN A : +VE SUPPLY PIN B : 0 VOLTS SUPPLY PIN C : +VE OUTPUT PIN D : -VE OUTPUT PIN E : NO CONNECTION PIN F : NO CONNECTION	PIN A : +VE SUPPLY PIN B : 0 VOLTS COMMON PIN C : NO CONNECTION PIN D : 0-5V OUTPUT PIN E : NO CONNECTION PIN F : NO CONNECTION	PIN A : +VE SUPPLY PIN B : 0 VOLTS COMMON PIN C : NO CONNECTION PIN D : 0-10V OUTPUT PIN E : NO CONNECTION PIN F : NO CONNECTION																											
			<table border="1"> <tr><td>+/-500</td><td>1350</td></tr> <tr><td>+/-400</td><td>1100</td></tr> <tr><td>+/-300</td><td>850</td></tr> <tr><td>+/-250</td><td>750</td></tr> <tr><td>+/-200</td><td>628</td></tr> <tr><td>+/-175</td><td>563</td></tr> <tr><td>+/-150</td><td>510</td></tr> <tr><td>+/-125</td><td>435</td></tr> <tr><td>+/-100</td><td>375</td></tr> <tr><td>+/-75</td><td>320</td></tr> <tr><td>+/-50</td><td>246</td></tr> <tr><td>+/-25</td><td>160</td></tr> <tr><td>STROKE (mm)</td><td>BODY LENGTH (mm)</td></tr> </table>	+/-500	1350	+/-400	1100	+/-300	850	+/-250	750	+/-200	628	+/-175	563	+/-150	510	+/-125	435	+/-100	375	+/-75	320	+/-50	246	+/-25	160	STROKE (mm)	BODY LENGTH (mm)	
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