



DIFFERENTIAL PRESSURE

This Dry Air Differential Low Pressure transducer is available in a range of pressures varying from 2.5mbars to 2.5PSI.

Single channel offering a 0 to 5V output.

Each version is installed in a red anodised aluminium enclosure, attached via two mounting holes.

Supply voltage is 5V to 16V.

Part Number	DPL-value	DPL-value	DPL or DPH-value
Range (inches of water / millibars)	< 5 / 12.5	5 / 12.5 to 15 / 37	> 15 / 37
SENSOR CHARACTERISTICS			
Hysteresis + non-linearity error	0.25% Full Scale	0.25% Full Scale	0.25% Full Scale
Offset temperature drift – max 0 to 80°C	40mV	20mV	20mV
Sensitivity drift – max 0 to 80°C	2% Full Scale	1% Full Scale	1% Full Scale
Gravity sensitivity – max error	10mV / G	5mV / G	1mV / G
Offset	0.5 +/-0.1V or 2.5 +/-0.1V	0.5 +/-0.1V or 2.5 +/-0.1V	0.5 +/-0.1V or 2.5 +/-0.1V
Sensitivity	4V Full Scale	4V Full Scale	4V Full Scale
ELECTRICAL CHARACTERISTICS			
Supply Voltage	5 to 16V		
Current draw	<10mA		
Standard Supplied Cable ¹	1 mtr PTFE 26AWG STT		
Circuit Colours ²	Red +VE, White Sig, Blue Gnd.		
Screen Connection	To Housing		
MECHANICAL CHARACTERISTICS			
Housing	Red Anodised Aluminium		
Operating Temperature Range	-20 to +85°C		
Weight	25g		

1. Screened Twisted Triple is available in other specifications if required.
2. Circuit colours may differ with different cables – always check the calibration sheet supplied with each sensor.

For more information, or to place an order, please contact Steve or Tony James at the address below.

