



MINI LP

Differential Pressure for Tight Installation

The A/MLP Series Pressure Transmitters incorporate a durable piezoresistive, silicon micro-machined sensing element to enable very low pressure measurements. Pushbutton zero and span features provide easy adjustability and the compact size of the A/MLP lends itself to panel mount or tight installations. In addition, the wiring terminal block is removable for ease of installation. Pressure ranges are either unidirectional or bidirectional and go all the way up to 20 inches of water column. The A/MLP Series is calibrated using NIST certified references and the standard outputs are 4 to 20 mA, 0 to 5 VDC or 0 to 10 VDC.

The A/MLP Series is covered by ACI's Five (5) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.





SPECIFICATIONS

Supply Voltage VDC	15 to 36 VDC (0 to 10 VDC Output) & 12 to 36 VDC (0 to 5 VDC & 4 to 20 mA Outputs)
Supply Voltage VAC	24 VAC +/-10% (all outputs)
Supply Current	23 mA minimum
Output	2-wire, linear 4 to 20 mA DC current or 3-wire, 0-5 VDC, 1-6 VDC or 0-10 VDC
Accuracy (Linearity, Hysteresis, and Repeatability)	+/- 1% FSO
Repeatability	+/- 0.3% FSO nominal
Operating Temperature Range	32 to 140°F (0 to 60°C)
Operating Humidity Range	10 to 95% RH, non-condensing
Compensated Temperature Range	32 to 122°F (0 to 50°C)
Thermal Effects (Shift is relative to 77°F (25°C))	+/-0.067% FSO/°F (+/-0.12% FSO/°C)
Media	Dry air or inert non-conductive gases
Product Dimensions	(H) 4.05" (W) 2.10" (D) 1.08"

ORDERING

Please select options within Version 1 (1A & 1B) OR options within Version 2 (2A & 2B).

1A Version 1: Differential Pressure Unidirectional Ranges	1B Output
<input type="radio"/> A/MLP-1 (Range: 0-1.0" w.c.) <input type="radio"/> A/MLP-5 (Range: 0-5.0" w.c.) <input type="radio"/> A/MLP-500 (Range: 0-500 Pa)	<input type="radio"/> 5 (0 to 5 VDC)
<input type="radio"/> A/MLP-2 (Range: 0-2.0" w.c.) <input type="radio"/> A/MLP-10 (Range: 0-10" w.c.) <input type="radio"/> A/MLP-1000 (Range: 0-1000 Pa)	<input type="radio"/> 6 (1 to 6 VDC)
<input type="radio"/> A/MLP-3 (Range: 0-3.0" w.c.) <input type="radio"/> A/MLP-20 (Range: 0-20" w.c.) <input type="radio"/> A/MLP-1600 (Range: 0-1600 Pa)	<input type="radio"/> 10 (0 to 10 VDC)
<input type="radio"/> A/MLP-4 (Range: 0-4.0" w.c.) <input type="radio"/> A/MLP-300 (Range: 0-300 Pa) <input type="radio"/> A/MLP-2500 (Range: 0-2500 Pa)	<input type="radio"/> 20 (4 to 20 mA)

2A Version 2: Differential Pressure Bidirectional Ranges	2B Output
<input type="radio"/> A/MLP-0.5B (Range: +/- 0.5" w.c.) <input type="radio"/> A/MLP-5B (Range: +/- 5" w.c.) <input type="radio"/> A/MLP-500B (Range: +/- 500 Pa)	<input type="radio"/> 5 (0 to 5 VDC)
<input type="radio"/> A/MLP-1B (Range: +/- 1" w.c.) <input type="radio"/> A/MLP-10B (Range: +/- 10" w.c.) <input type="radio"/> A/MLP-1000B (Range: +/- 1000 Pa)	<input type="radio"/> 6 (1 to 6 VDC)
<input type="radio"/> A/MLP-2B (Range: +/- 2" w.c.) <input type="radio"/> A/MLP-20B (Range: +/- 20" w.c.) <input type="radio"/> A/MLP-1600B (Range: +/- 1600 Pa)	<input type="radio"/> 10 (0 to 10 VDC)
<input type="radio"/> A/MLP-3B (Range: +/- 3" w.c.) <input type="radio"/> A/MLP-300B (Range: +/- 300 Pa) <input type="radio"/> A/MLP-2500B (Range: +/- 2500 Pa)	<input type="radio"/> 20 (4 to 20 mA)
<input type="radio"/> A/MLP-4B (Range: +/- 4" w.c.)	

BUILD PART NUMBER

After completing either (1A, 1B) OR (2A, 2B) from the above table, fill in the Part Number Table below. An example part number is offered.

1A OR 2A	1A OR 2B
EXAMPLE: A/MLP-1-20	

The MLP enclosure has a 94 V-0 flame rating.

