

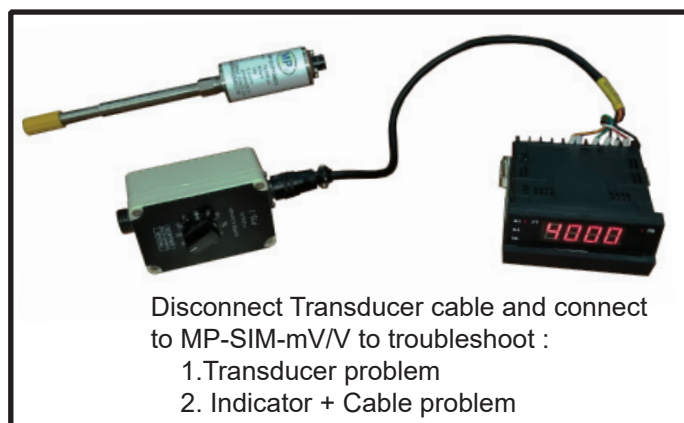
MPI-SIM-mV/V PRESSURE TRANSDUCER SIMULATOR



MPI-SIM-mV/V Pressure Transducer Simulator

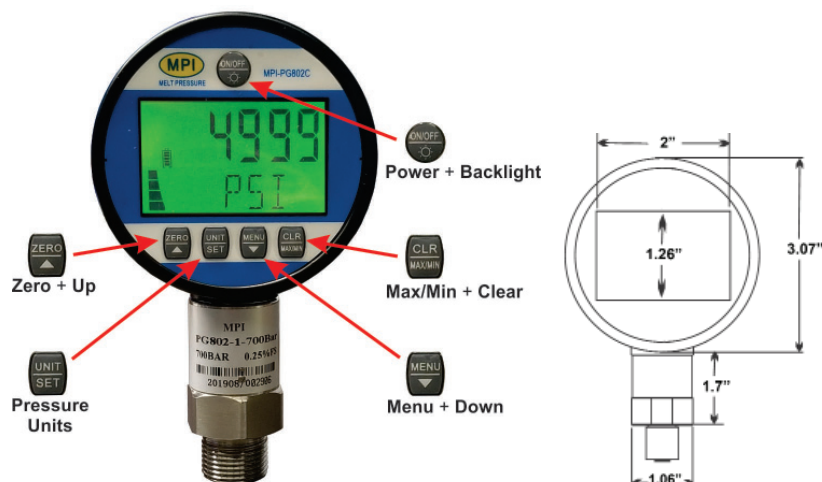
The MPI-SIM-mV/V is used to simulate the output of a standard MPI (or competitor) melt pressure transducer with a 3.3mV/V output. The pressure transducer can be disconnected, and the MPI-SIM-mV/V can be connected in its place to troubleshoot whether there is a Transducer problem / Cable or Indicator problem.

The MPI-SIM-mV/V comes complete with both 6pin and 8pin connectors.



Technical																							
Accuracy	+/- 0.25% - Full Scale																						
Bridge Resistance	350ohm nominal																						
Output	<table border="1"> <tr><td>0%</td><td>0.00 mV/V</td></tr> <tr><td>10%</td><td>0.33 mV/V</td></tr> <tr><td>20%</td><td>0.67 mV/V</td></tr> <tr><td>30%</td><td>1.00 mV/V</td></tr> <tr><td>40%</td><td>1.33 mV/V</td></tr> <tr><td>50%</td><td>1.67 mV/V</td></tr> <tr><td>60%</td><td>2.00 mV/V</td></tr> <tr><td>70%</td><td>2.33 mV/V</td></tr> <tr><td>80%</td><td>2.66 mV/V</td></tr> <tr><td>90%</td><td>3.00 mV/V</td></tr> <tr><td>100%</td><td>3.33 mV/V</td></tr> </table>	0%	0.00 mV/V	10%	0.33 mV/V	20%	0.67 mV/V	30%	1.00 mV/V	40%	1.33 mV/V	50%	1.67 mV/V	60%	2.00 mV/V	70%	2.33 mV/V	80%	2.66 mV/V	90%	3.00 mV/V	100%	3.33 mV/V
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Excitation	6-12VDC																						
Electrical Connector	PT07A-10-6P (6pin) PT07A-12-8P (8pin)																						
Weight	1 lb																						
Size	2.7"W x 5"L x 2.7"D																						

MPI-802C Digital Pressure Gauge

**STANDARD**

0.59" Large 5 Digit Backlit Display
 0.25% Accuracy
 Ranges - 10000psi(700bar), 15000psi(1000bar)
 MAX and MIN Value
 Pressure Units - PSI, BAR, MPA, KPA... (field adjustable)
 Pressure Connection : 1/4"NPT, M20x1.5
 Password Lockout
 Battery operation can last for approx 1 year.

TECHNICAL DATA

ACCURACY	0.25% FS
POWER SUPPLY	3 x 1.5V - AA battery, life = approx 3600 hours
PRESSURE RANGE	10000psi(700bar), 15000psi(1000bar)
HOUSING	ABS
OPERATING TEMP	-46F to 175F (-20 to +80C)
TEMP DRIFT	0.05% F.S. per Deg
SIZE	3" (78mm)
ENG UNITS	PSI, BAR, MPA, KPA... (field adjustable)
THREAD SIZE	1/4"NPT, M20x1.5
FRONT PANEL	Polycarbonate
OVERPRESSURE	200% of Pressure Range
BURST PRESSURE	400% of Pressure Range
IP RATING	IP66
WEIGHT	0.66 lbs (300g)

STOCK LIST

Part Number	Description
MPI-PG802C-3-700bar	0.25%, 10000psi(700bar), 1/4"NPT
MPI-PG802C-1-700bar	0.25%, 10000psi(700bar), M20x1.5
MPI-PG802C-1-1000bar	0.25%, 15000psi(1000bar), M20x1.5