



MM500PG1QA



Actual product appearance may vary.

MM Series Stainless Steel Pressure Sensor, Unamplified Output, Gage, 0 psi to 500 psi, Item Number 9302906

Features

- Low cost
- Wide choice of pressure ranges available
- Rugged, compact configuration
- PC mountable
- Threaded port
- For use by the OEM
- Easy to package
- Mounting flexibility
- No adapter required

Potential Applications

- HVAC
- Gas chromatography
- Paint-spraying systems
- Electronic pressure switches
- Medical diagnostics
- Heat pumps
- Hydraulic controls
- Irrigation systems
- Automotive

Description

The Mediamate pressure transducer provides you with the corrosion resistance of stainless steel at low OEM pricing. It is fully compensated and completely interchangeable without further calibration.

The Mediamate's wetted parts and outer case are made from 300 series stainless steel. It is now being used with a wide variety of corrosive media such as Freon, ammonia, water, and hydraulic fluids. Its rugged construction and proven reliability make it truly cost effective.

Product Specifications	
Measurement Type	Gage
Signal Conditioning	Unamplified
Pressure Range	0 psi to 500 psi
Supply Voltage	5.0 Vdc, 6.0 Vdc max.
Maximum Overpressure	750 psi
Burst Pressure	2,500 psi
Port Style	1/8-27 NPT
Temperature Compensation	Yes
Output Type	0 mV to 50 mV
Accuracy	0.25% full scale BFSL

Response Time	less than 0.2 ms
Input Impedance	500 ohms
Output Impedance	900 ohms
Insulation Resistance	1000 Mohms @ 50 Vdc max.
Output Calibration	Yes
Termination Type	Hollingsworth Connector
Weight	85 grams [3.0 ounces]
Full Scale Span	50 mV
Operating Temperature Range	-40 °C to 100 °C [-40 °F to 212 °F]
Compensated Temperature Range	-1 °C to 82 °C [30 °F to 180 °F]
Storage Temperature Range	NO IDEA SHARED FORMULA EXP PTG
Media Compatibility	Limited only to those media which will not attack a brazed assembly of 300 Series stainless steel parts
Approvals	CE
UNSPSC Code	411121
UNSPSC Commodity	411121 Transducers
Availability	Global
Series Name	MM