



Pressure Transducer Model PR-260

FEATURES:

- 100% solid state
- Available in more than eleven gage and vacuum pressure ranges
- High sensitivity and excellent stability
- Temperature compensated linear voltage, current or frequency output
- Compatible to air, water, steam, oil, fuel, lubricant, ammonia, freon, polar solvents, and other media
- Rugged 16 gage steel enclosure

DESCRIPTION:

The PR-260 sensing element is a 100% solid state, piezo-resistive silicon chip featuring low hysteresis, excellent repeatability, and long term stability. The chip is connected as a four-active-element bridge circuit for optimum linearity and sensitivity. Signal conditioning and temperature compensation are performed by industrial quality, state-of-the-art integrated circuits to provide an accurate, linear, and high level output which requires no additional signal conditioning. Zero and span trimmers are provided for field adjustment.

APPLICATIONS:

- Compressed air pressure
- Boiler steam pressure
- Pump head pressure
- Chiller/compressor head pressure
- Vacuum pump suction pressure
- Hot water/chilled water system pressure
- Process control
- HVAC automation
- Automotive/industrial monitoring

ORDERING INFORMATION: PR-260-

OUTPUT	PRESSURE RANGE	MEDIA	SUPPLY VOLTAGE	OUTPUT TYPE
1) 0-1VDC	1) 0-25 psig	1) Air, water, oil	A) 24VDC	1) Linear
2) 0-5VDC	2) 0-50 psig	fuel, lubricant	B) 24VAC	2) Square Root
3) 0-10VDC	3) 0-100 psig	detergent	C) 115VAC	3) Reverse Linear
4) 4-20mA	4) 0-250 psig	solutions	D) 12VDC	4) Reverse Sq. Rt.
5) 1 50KHz AFCP	5) 0-500 psig	2) Freon, ammonia	E) Custom	
6) Custom	6) 0-1000 psig	3) Steam, soap,		
	7) 0-5000 psig	polar solvents		
	8) -5- +5 psig	4) Custom		
	9) -15- +15 psig			
	10) 0-15 inHg (vacuum)			
	11) 0-30 inHg (vacuum)			
	12) Custom			

The MAMAC warranty covers parts and labor for 1 year from date of shipment.

Mamac Systems reserves the right to change any specifications without notice to improve performance, reliability, or function of our products.

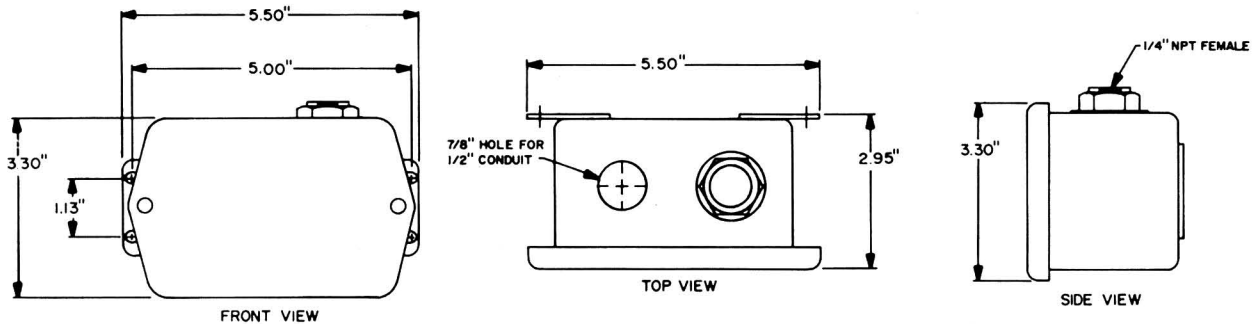
PR-260

SPECIFICATIONS:

Maximum Pressure:
200% operating pressure

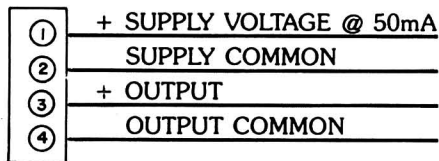
Accuracy:
±1% FS

Compensated Temperature Range:
-18°C to +63°C

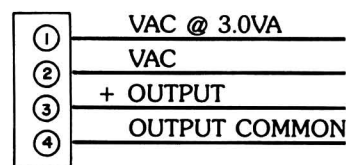


TERMINATION:

I. D.C. SUPPLY VOLTAGE



II. A.C. SUPPLY VOLTAGE



NOTES:

- All VAC/VDC 4-20mA output units are available for 2 wire current loop compatibility.
- Supply voltage should not exceed 24 VAC/VDC.
- On VAC units do not ground AC supply voltage.
- On VDC units only, supply common and output common are the same.

A Complete Line of Transducers From a Single Source

Space Temperature
Duct Temperature
Outside Temperature
Duct Avg Temp
Strap-On Temp
Remote Temperature
Space Avg Temp
Differential Temp
Space Humidity
Duct Humidity
Outside Humidity

Remote Humidity
Temp & Humidity
Motor Current
Voltage
Pneumatic Pressure
Steam Pressure
Water Pressure
Air Pressure
Duct Static Pres
Bldg Static Pres
Filter Pres Drop

Compressor Head Pres
Compressor Suction Pres
Chiller Head Pres
Chiller Suction Pres
C W Flow
H W Flow
Steam Flow
Gas Flow
Tank Level
Rainfall
Windspeed

Wind Direction
Air Flow
Water Alert
Ambient Light
Outside Light
Damper Control
Mixing Valve Ctrl
Vane Control
Soil Moisture

All Mamac Transducers Are Directly Compatible To:

Advanced Electrical Appl.
Advanced Micro Systems
Aegis
Allan Bradley
American Auto-Matrix
AMF Control Systems
Andover Controls
AT&T
Atlantic Energy Tech
Barber-Colman
Butler Controls
Carrier-Bldg Auto Sys

Climatron
Computer Controls Corp
Control Pak Corp
Detection Systems
Distributed Control Sys
Eagle Signal
EDA Sims
Elemco Prime Energy
Encon Systems
Facilitec
Functional Devices
General Electric

Hewlett Packard
Honeywell
HSQ Technology
Hypertek
Johnson Controls
Leviton
Litton FMS
Margaux Controls
MCC Powers
Micro Control Sys
Mosler

Novar Controls
Oak Adec
Opto 22
Paragon Electric
Powerline Comm
Radix II
Raytheon
Robertshaw Controls
Solid State Systems
Solidyne
Sparton

Square D
Staefa Control Sys
Tempmaster
TJ Controls
Tour Anderson
The Trane Company
Triangle Micro Sys
Trimax
United Technologies
Wattmaster
Westinghouse



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