



Global Sensor Excellence

Features

- Accuracy 0.1% std. 0.05% available
- Barometric Range
- Up to 500 HZ
- 50 to 150°F
- CAN BUS 16 bit

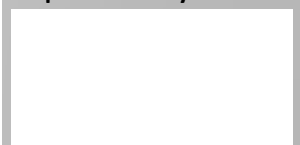
Applications

- Test & Measurement
- Engine Dynos.
- Wind Tunnels
- Test Benches
- Calibration Systems

Contact

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Represented by:



MULTI CHANNEL PRESSURE SYSTEM MCB SERIES

The **MCB Series** is based on the standard ATM 1st series precision pressure transducers for which the full specifications are available on datasheet 10.00.0324.D-305. The specific MCB detail in the technical specifications below is based on the barometric range of 20 to 35"HG. Up to 10 individual ATM 1st transducers are housed within the aluminum enclosure and the output is provided via a 10 channel CAN BUS. PMC can provide multi channel systems based on any range of the ATM 1st transducers either same range or mixed. All MCB are custom to application.



TECHNICAL SPECIFICATIONS

Pressure Range	20 to 35"HG absolute
Accuracy-Static	0.05% FS BSL (0.0175"HG) <i>Includes linearity, hysteresis and repeatability</i>
Zero and Span Setting	"Zero" at 20"HG - 0.1% FS (0.035"HG) Span - 0.1% FS (0.035"HG)
Limited Operating Temperature Range	90° to +115°F
Compensated Temperature Range	50 to 150°F
Maximum Exposure Temperature	-40 to 185°F
Temperature Error Band	For compensated range: ±0.2% FS (±0.070"HG) max deviation from room temperature. For limited operating range: ±0.1% FS (±0.035"HG) max deviation from room temperature.
Sampling Frequency	Up to 500 HZ (Factory set)
Supply Voltage	10 to 16 VDC , 300 mA. <i>Others Available</i>
Output	CAN BUS 16 bit (37,449 - 65,535 counts over pressure range) Product supplied with .DBC file to convert counts to volts.
Pressure Output Ports	AN-2 male
Electrical Output Connector	Deutsch PN:ASL006-05PC-HE
Housing	Aluminum
Weight	7.0 lbs

PMC Engineering adopts a continuous development program which sometimes necessitates specification changes without notice

PMC specializes in providing sensors and solutions throughout industry

PMC CONFIGURATOR

Ordering information: Since this product is custom there is no standard configuration. Please contact PMC to customize your order.



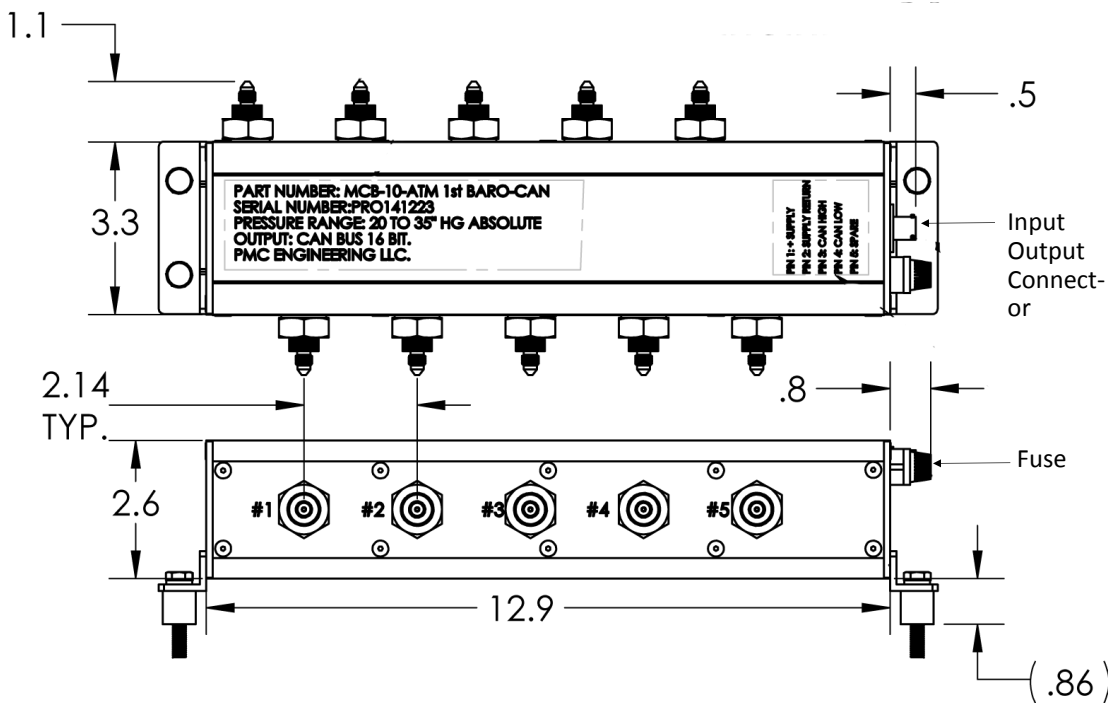
Global Sensor Excellence

Sensors for

- Pressure
- Level
- Vacuum
- Humidity
- Temperature
- Force
- Position

MECHANICAL DETAILS

Dimensions in inches



Other Products

PMC's wide range of pressure & temperature sensors suit most industrial applications.

Features include:

- Ranges 0 - 20" to 0 - 10,000psi
- Temperatures to 400°F
- 4-20 mA, 0 - 5 VDC
- HART® RS485, CAN...

PMC is

- Engineering Driven
- Confidential
- Experienced
- Responsive
- Dynamic
- Friendly

ELECTRICAL DETAILS

Deutsch Connector. PN: ASL006-05PC-HE

- PIN 1: +Supply
- PIN 2: Supply Return
- PIN 3: CAN High
- PIN 4: CAN Low
- PIN 5: Spare

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