




### P51-16BarS-A-MD-20mA Connection Information

8-30 Volt Input, 4 to 20mA Output

DIN 43650 Micro-mini Connector Pin Out/External Wire Connections

Pressure Sensor	Pin 1		Pin2	Note: Applying power to the output pin may result in permanent damage to the sensor
	<b>Power</b>		<b>Return</b>	

### Model Number Interpretation

...P51	Media Sensor with EMI Protection
...16Bar	Pressure Range 0~ 16 Bar
...S	Seal Gauge pressure
...A	1/4NPT, 7/8 Hex
...MD	Electrical Interface: DIN 43650 Micro-mini Connector
...20mA	Electrical Output: 4 to 20mA

### General Specifications

Proof Pressure	3 times Full Scale Pressure Range
Burst Pressure	5 times Full Scale Pressure Range or 15,000Psi whichever is less.
Accuracy	+/- 0.5% Full Scale Span from -40 to 105 (Includes non-linearity, hysteresis and repeatability)
Zero Offset	4mA +/-0.08 mA
Linearity	<0.25% Full Scale
Operating Temp.	-40 to 105
Storage Temp.	-40 to 105

### Electrical Specifications

Supply Voltage	8-30Vdc
Supply Current	N/A
Response Time	<1ms

### Environmental Specifications

Fluid Compatibility	Any gas or liquid compatible with 304L&316L Stainless Steel
Pressure/Temp Cycles	0 to Full Scale @ 8 Hertz and -40 to 105 for 24 Hours
Weight	<90 grams
EMC Compliance	EN 61000-4-3 and EN 61000-4-6

Dear Customer:

The enclosed pressure sensor has been manufactured in accordance with our QS9000 Compliant manufacturing systems and procedures. This document certifies that this sensor are in compliance with all documented specifications listed on this data sheet. We appreciate your business and look forward to serving you again.

Signature : Marc Boehnlein

Brian S .Wyss

Title: Quality leader-pressure products

Business Unit Manager