



## MPS-2100 series Pressure Sensor

### ■ FEATURES

- Competitive price dual in-line package
- Wide operating temperature range:- 40 to +85°C
- Solid-state reliability
- Easy to Use
- Easily Embedded in OEM Equipment

### ■ APPLICATIONS

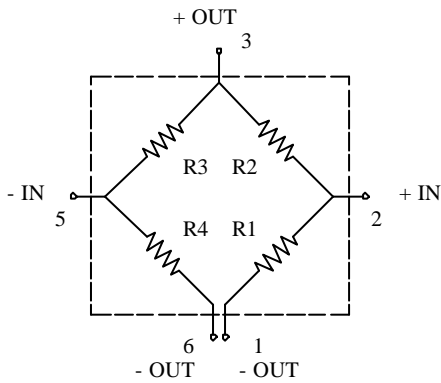
- Blood Pressure Meter
- Digital Pressure Gauges
- Environmental Monitoring
- Consumer & Sports
- Medical Instrumentation & Monitoring
- Disposable Blood Pressure

Pressure type	Gauge	Gauge
	MPS-2100-006G	MPS-2100-006GR
Model		

### ■ Specifications

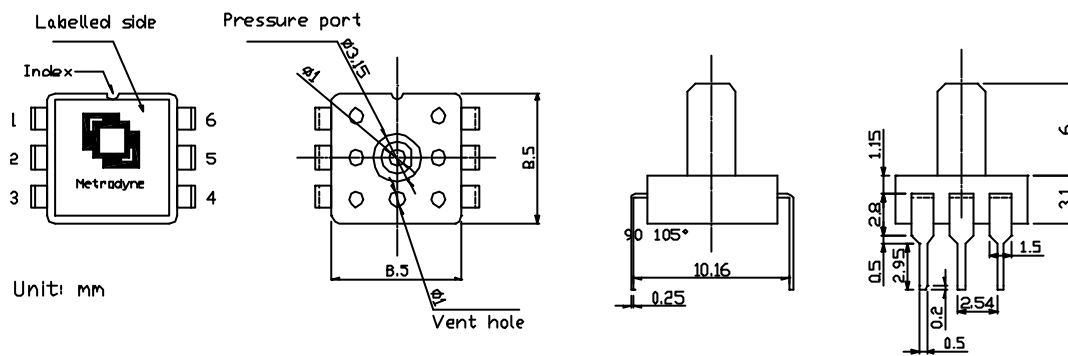
Parameter	Value	Units	Notes
<b>General</b>			
Pressure Range	5.8	PSIG	40 KPaG
Maximum Overpressure	3X		rated pressure
<b>Electrical</b> @25°C (77°F) unless otherwise specified			
Excitation	5	VDC	
Input Impedance	4~6	kΩ	
Output Impedance	4~6	kΩ	
<b>Environmental</b>			
Operating Temperature Range	-40~+85	°C	-40 °F ~+185°F
Storage Temperature Range	-40~+125	°C	-40 °F ~+257 °F
<b>Mechanical</b>			
Weight	0.62	grams	
Media Compatibility	Clean, dry air & noncorrosive gases		
<b>PERFORMANCE<sup>(1)</sup></b>			
Offset voltage	±25	mV	1
Full scale span voltage	50~100	mV	1
Bridge Resistance	4~6	kΩ	1
Linearity	±0.3	% Span	2
Hysteresis	±0.7	% Span	1
Temperature Coefficient of Zero Offset	±0.08	% Span/°C	3
Temperature Coefficient of Span	-0.21	%Span/°C	3
Notes : 1. All values are Minimum/Maximum and are measured at 5 VDC and 25°C unless otherwise specified.			
2. Best fit straight line.			
3. Between 0°C and 40°C. Temperature coefficients are typical values.			

## Terminal connection diagram

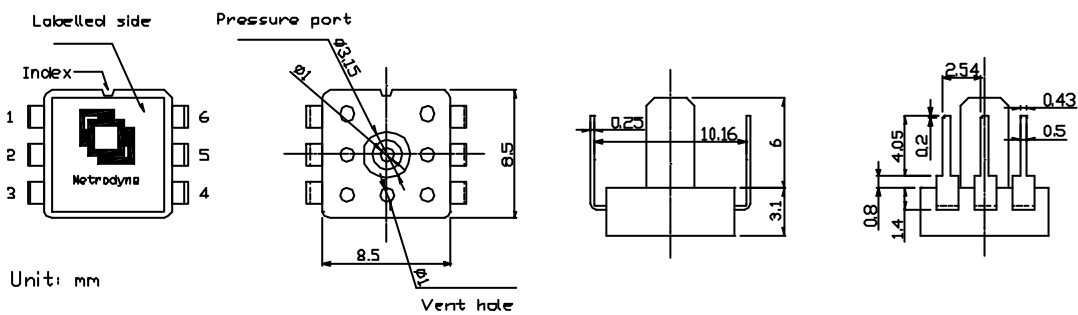


## Outline dimensions

### MPS-2100-006G



### MPS-2100-006GR



**METRODYNE MICROSYSTEM CORP.**

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## MPS-2110 series

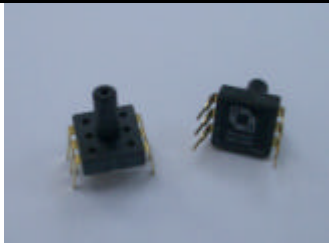
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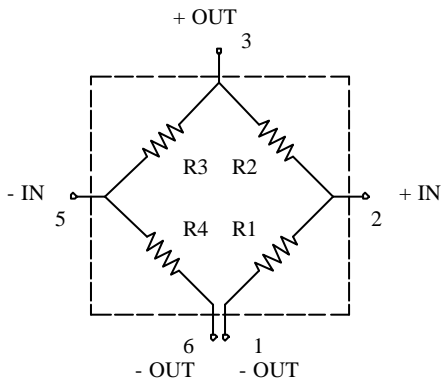
- Blood Pressure Meter
- Digital Pressure Gauges
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- Consumer & Sports
- Medical Instrumentation & Monitoring
- Disposable Blood Pressure

Pressure type	Gauge
Model	MPS-2110-006G
	

#### ■ Specifications

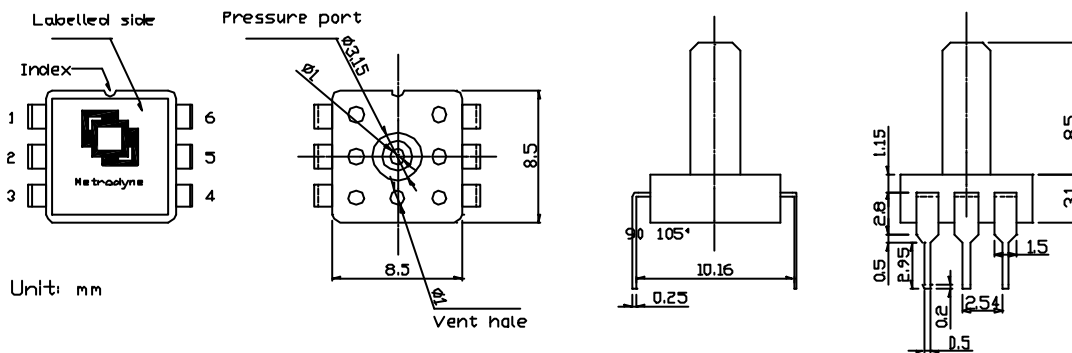
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## ■ Terminal connection diagram



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