



## 4 - 20 mA PRESSURE TRANSDUCER Model : PS93MA-XXBAR

SPECIFICATIONS		
Max capacity & model	<i>Max capacity</i>	
	<i>Model</i>	
	2 BAR ( 29 PSI )	PS93MA-2BAR
	5 BAR ( 72.5 PSI )	PS93MA-5BAR
	10 BAR ( 145 PSI )	PS93MA-10BAR
	20 BAR ( 290 PSI )	PS93MA-20BAR
	50 BAR ( 725 PSI )	PS93MA-50BAR
100 BAR ( 1450 PSI )	PS93MA-100BAR	
400 BAR ( 5800 PSI )	PS93MA-400BAR	
Supply voltage	DC 9V to 30 V	
Transducer Port Connector	1/4" NPT.	
Span	1 % F.S. <i>Within 10 °C to 40 °C .</i>	
Zero	2 % F.S. <i>Within 10 °C to 40 °C .</i>	
Load impedance requirement	Load up to 500 ohms.	
Operating Temperature	0 °C to 60 °C ( 32 °F to 140 °F ).	
Operating Humidity	Max. 80% RH.	
Output	Output : DC 4 to 20 mA <i>4 mA = 0 pressure</i> <i>20 mA = Max. range pressure</i>	
Size	30 mm dia. x 85 mm.	
Weight	160 g.	
Cable length	1 meter.	
Wire Connection	Red..... Power + Black..... Power - White..... Signal + Green ..... Signal -	

APPLICATIONS
* <b>Measure Pneumatic Pressures.</b>
* <b>Measure Automobile Engine Vacuum Pressures.</b>
* <b>Pressure for Super Heat Measurements</b>
* <b>Hydraulic Servo controls</b>
* <b>Refrigeration</b>
* <b>Air conditioning</b>
* <b>Food Processing</b>