

PRESSURE SENSOR

Model : PS100-xxBAR

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

PRESSURE TRANSDUCER

Model : PS100-xxBAR

SPECIFICATIONS		
Max capacity & model	<i>Max capacity</i>	<i>Model</i>
	2 BAR (29 PSI)	PS100-2BAR
	5 BAR (72.5 PSI)	PS100-5BAR
	10 BAR (145 PSI)	PS100-10BAR
	20 BAR (290 PSI)	PS100-20BAR
	50 BAR (725 PSI)	PS100-50BAR
	100 BAR (1450 PSI)	PS100-100BAR
	200 BAR (2900 PSI)	PS100-400BAR
Application	Optional pressure transducer for the pressure meter PS-9302	
Overload protection for the pressure sensor	150% max. capacity	
Supply voltage	DC 9V	
Transducer Port Connector	1/4" PS (per inch 19 teeth).	
Span	± 1 % F.S. @ <i>Within 10 °C to 40 °C .</i> @ <i>Linearity + Hysteresis + Repeatability</i>	
Zero	± 2 % F.S. @ <i>Within 10 °C to 40 °C .</i>	
Operating Temperature	0 °C to 60 °C (32 °F to 140 °F).	
Operating Humidity	Max. 80% RH.	
Output	Full capacity output = 100 mV DC	
Size	30 mm dia. x 85 mm.	
Weight	160 g.	
Cable length	1 meter.	
Wire Connection	4 pins standard DIN plug to cooperate the PS-9302 input socket. * 2 pins for 5V DC power supply. * 2 pins for 100 mV DC input signal.	