

# PRESSURE SENSOR

Model : PS100-xxBAR

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

*The Art of Measurement*

# PRESSURE SENSOR

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
	400 BAR ( 5800 PSI )	PS100-400BAR
Application	Optional pressure transducer for the pressure meter PS-9302, PS-9303SD.	
Overload protection for the pressure sensor	150% max. capacity.	
Supply voltage	DC 9V.	
Transducer	1/4" NPT or 1/4" PS.	
Port Connector	* Included one adapter connector that convert the 1/4" NPT to 1/4 " PS.	
Span	± 1 % F.S. @ Within 10 °C to 40 °C . @ Linearity + Hysteresis + Repeatability.	
Zero	± 2 % F.S. @ Within 10 °C to 40 °C .	
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 ( PS-9303SD ) input socket. * 2 pins for 5V DC power supply. * 2 pins for 100 mV DC input signal.	

\* Appearance and specifications listed in this brochure are subject to change without notice.

1007-PS100

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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 ( PS-9303SD ) input socket. * 2 pins for 5V DC power supply. * 2 pins for 100 mV DC input signal.	

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