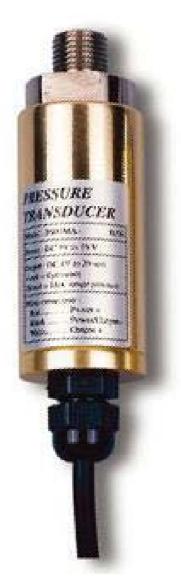
## PRESSURE SENSOR

## Model : PS100-xxBAR

*ISO-9001, CE, IEC1010* 







**LUTRON ELECTRONIC** 

The Art of Measurement

## **PRESSURE SENSOR**

## Model : PS100-xxBAR

	SPECIFICATIO	VS
Max capacity &	Max capacity	Model
model	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	150% max. capacity.	
for the pressure sensor		
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 $^\circ\!$	
	@ Linearity + Hysteresis + Repeatability.	
Zero	± 2 % F.S.	
	@ Within 10 $^\circ\!$	
Operating Temperature	0 $^{\circ}\mathrm{C}$ to 60 $^{\circ}\mathrm{C}$ ( 32 $^{\circ}\mathrm{F}$ to 140 $^{\circ}\mathrm{F}$ ).	
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	4 pins standard DIN plug to cooperate the PS-9302	
Connection	(PS-9303SD) input socket.	
	* 2 pins for 5V DC power supply.	
	* 2 pins for 100 mV DC input signal.	