

**PST-PRTemp1000 Rugged, temperature and pressure recorder**

Records time and date stamped pressure and ambient temperature data at user-defined intervals. The rugged, stainless steel enclosure is perfect for use in harsh, industrial environments and is completely submersible. Also features a 1/4" NPT fitting for easy connection to air, gas, water, steam and hydraulic pressure lines. Temperature data may be displayed in standard and metric units and pressure readings as PSIA, inHG, mmHG, Torr, Pascals, altitude (feet and meters). Available in several pressure ranges, Absolute (A) and Gauge (G). Intrinsically Safe (IS) versions, also available.



Required Interface Package:	IFC110
Typical Battery Life:	1 year
Pressure Units:	PSIA(G), inches, altitude, Torr, mmHg, Pascals
Sampling Rate:	2 seconds up to 12 hours
Memory:	16,383/channel
Pressure Accuracy:	See Table Below
Pressure Resolution:	See Table Below
Pressure Range:	See Table Below
Calibrated Accuracy:	±0.5°C
Temperature Resolution:	0.1°C
Temperature Range:	-40~+80°C
Sensor:	Internal semiconductor
Baud Rate:	2,400
Operating Environment:	-40~+80°C, 0~100%RH
Submersible:	Yes
Material:	303 stainless steel
Dimensions:	6.4" x 1.25" dia. (163mm x 32mm)
CE Approval:	Yes
Weight:	10oz.

<b>Range (PSI)</b>	0-30	0-100	0-300	0-500	0-1000	0-5000
<b>Accuracy</b>	2% FSR, 0.25% @ 25°C Typical					
<b>Resolution (PSI)</b>	0.002	0.005	0.02	0.05	0.05	0.2

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