

## PRTemp1000

Part Number	PRTemp1000
Temperature Sensor	Internal semiconductor
Temperature Range	-40 to +80°C
Temperature Resolution	0.1°C
Calibrated Accuracy	±0.5°C
Pressure Range	*See Table for Details
Pressure Resolution	
Pressure Accuracy	
Memory	16,383/channel
Sample Rate	2 seconds to 12 hours
Units	PSIA(G), inches, altitude, Torr, mmHg, Pascals
Required Interface Package	IFC110 or IFC200
Baud Rate	2,400
Typical Battery Life	1 year
Operating Environment	-40 to +80°C, 0 to 100%RH
Material	303 stainless steel
Dimensions	6.4" x 1.25" dia. (163mm x 32mm dia.)
Approvals	CE

**\*PRTemp1000 Range, Accuracy and Resolution**

<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

### Battery Warning

**WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVER DISCHARGE, DISASSEMBLE, CRUSH, PENETRATE OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 80°C (176°F).**

*Specifications subject to change.*

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Rugged Pressure and Temperature Data Logger

