

PRESSURE



Data Loggers	PRTemp101	PRTemp110	PRHTemp101	PRHTemp110	PRTemp1000	PRTrans1000
Description	Temperature and Pressure Recorder	Temperature and Pressure Recorder with 10 Year Battery Life	Temperature, Humidity and Pressure Recorder	Temperature, Humidity and Pressure Recorder with 10 Year Battery Life	Rugged Temperature and Pressure Recorder	Rugged Transient Pressure Recorder
Range	-40 to +80°C 0-30PSIA	-40 to +80°C 0-30PSIA	-40 to +80°C 0 to 95%RH 0-30PSIA	-40 to +80°C 0 to 95%RH 0-30PSIA	-40 to +80°C See Table Below*	See Table Below*
Resolution	0.1°C .002PSI	0.1°C .002PSI	0.1°C 0.5%RH .002PSI	0.1°C 0.5%RH .002PSI	0.1°C See Table Below*	See Table Below*
Accuracy	±0.5°C ±1% FSR @ 25°C ± 0.2% Typical	±0.5°C ±1% FSR @ 25°C ± 0.2% Typical	±0.5°C 3.0%RH ±1%FSR @ 25°C ±0.2% typical	±0.5°C 3.0%RH ±1% FSR @ 25°C ±0.2% typical	±0.5°C See Table Below*	See Table Below*
Memory	8,191 per channel	16,383 per channel	13,107 per channel	13,107 per channel	16,383 per channel	Up to 262,143 samples
Dimensions	1.4" x 2.2" x 0.9" (36mm x 56mm x 23mm)	1.7" x 2.3" x 0.9" (44mm x 59mm x 23mm)	1.7" x 2.3" x 0.9" (44mm x 59mm x 23mm)	1.7" x 2.3" x 0.9" (44mm x 59mm x 23mm)	6.4" x 1.25" dia. (163mm x 32mm)	6.4" x 1.25" dia. (163mm x 32mm)
NIST Certificates	Yes	Yes	Yes	Yes	Yes	No
Delayed Start	0 to 180 days	0 to 180 days	0 to 180 days	0 to 180 days	0 to 180 days	0 to 7 days
Alarm	No	No	No	No	No	No
Water Resistant	No	No	No	No	Submersible	Submersible
Features	Software calibration, small size, automatic calculation of mm Hg, inches, Pascals, Torr, altitude, etc.	10+ year battery life; fast 57,600 baud download, software calibration, small size, automatic calculation of mm Hg, inches, Pascals, Torr, altitude, etc.	Software calibration, small size, automatic calculation of mm Hg, inches, Pascals, Torr, altitude, dew point, water vapor concentration, etc.	10+ year battery life, fast download, software calibration, small size, automatic calculation of mm Hg, inches, Pascals, Torr, altitude, dew point, water vapor concentration, etc.	Rugged design, software calibration, wide range, reusable, automatic calculation of mm Hg, inches, Pascals, Torr, altitude, etc., 1/4" male NPT fitting or submersible	Rugged design, software calibration, wide range, reusable, automatic calculation of mm Hg, inches, Pascals, Torr, altitude, etc., 1/4" male, NPT fitting or submersible
For More Information	Go to Page 34	Go to Page 34	Go to Page 38	Go to Page 38	Go to Page 35	Go to Page 36

*PRTemp1000 & PRTemp1000IS

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

*PRTrans1000 & PRTrans1000IS

Range (PSI)	0-30	0-100	0-300	0-500	0-1000	0-5000
Accuracy	2% FSR, 0.25% @ 25°C typical					
Resolution (PSI)	0.02	0.1	0.2	0.5	1.0	5



Sta. Virgilia 29 Local.1A 28033 Madrid
 Tfno.: 91 764 21 00 Fax.: 91 764 21 32
www.guemisa.com Email.:info@guemisa.com