

SPECIFICATIONS:

	QUARTZ	PIEZO
MAX EXTERNAL PRESSURE	Must not exceed sensor range or 25 ksi max	Must not exceed sensor range or 25 ksi max
SENSOR RANGE	4 options from 10 ksi to 25 ksi	8 options from 0.75 ksi to 25 ksi
SENSOR TYPE	Quartz resonator	Piezo-resistive
ACCURACY	± 0.015% FSO	<± 0.050% FSO
DRIFT	0.02% FSO per year	< 3 psi per year
RESOLUTION	10 ksi <0.006 psi (<0.06 psi) 16 ksi <0.008 psi (<0.08 psi) 20 ksi <0.008 psi (<0.08 psi) 25 ksi <0.010 psi (<0.10 psi)	0.0003% FSO
MAX TEMPERATURE	Must not exceed sensor range or 200 degC	Must not exceed range or 177 degC
RANGE	3 options: 150 degC, 177 degC and 200 degC	4 options from 100 degC to 177 degC
ACCURACY	± 0.15 degC	± 0.6 degC
REPEATABILITY	<0.01 degC	± 0.2 degC
RESOLUTION	<0.005 degC (scales directly with sample rate)	0.0001% FSO
BATTERY TYPE	2 AA or 4 AA, Lithium	AA Lithium
OPERATING VOLTAGE	3.2 to 3.9V	3.2 to 3.9V
BATTERY LIFE	9.9 or 19 days	56 or 85 days
SAMPLING INTERVAL	0.1 second and 1 second to 1 hour	1/100s, 1/10s, >1s
CAPACITY	1,000,000 data sets (sequential mode) or 500,000 data sets (redundant mode)	1,000,000 records
RECORD CONTENTS	Time, pressure, temperature	Time, pressure, temperature, battery voltage
MATERIAL	Inconel 718 & Hastelloy C-276	Inconel 718
SERVICE	Standard and H ₂ S	Standard and H ₂ S