



PRODUCTS AT A GLANCE

MODEL	PPS 25	PPS 26	PPS 27	PPS 28	PPS 31
Sensor Type	Silicon-Sapphire	Silicon-Sapphire	Silicon-Sapphire or Quartz	Quartz	Silicon-Sapphire
Pressure Ranges	up to 20,000 PSI	Up to 20,000 PSI	Up to 20,000 PSI	Up to 25,000 PSI	Up to 15,000 PSI
Pressure Accuracy	0.03% (FS)	0.03% (FS)	0.03% (FS)	0.02% (FS), 0.015% FS Typically	0.05% (FS)
Pressure Resolution	0.0003%	0.0003%	0.0003%	0.01 PSI	0.0003%
Pressure Drift	<3 PSI / year	<3 PSI / year	<3 PSI / year	<1 PSI / year	<3 PSI / year
Temperature Rating	125°C, 150°C(302°F), 177°C (351°F)	125°C, 150°C, 177°C	125°C, 150°C, 177°C	150°C, 177°C, 200°C(392°F)	-40°C(-40°F) to 80°C(176°F)
Temperature Accuracy	0.5 °C	0.5 °C	0.5 °C	0.2 °C	0.5 °C
Temperature Resolution	0.01 °C	0.01 °C	0.01 °C	0.01 °C	0.01 °C
Power Source	Single AA or C lithium pack	12 V DC	12 V DC	One CC lithium pack	Two single D lithium pack, up to one year usage
Communications	USB, RS232	USB, RS232	USB, RS232	USB, RS232	USB, RS232
Data Set				time/pressure/temperature	
Memory Capacity	1,000,000 data sets	*	*	1,000,000 data sets	1,000,000 data sets
Display Mode	*	*	liquid crystal	*	liquid crystal
Data Receiving Mode	*	*	*	*	wireless
Wireless Transmission Distance	*	*	*	*	328' (100 m)
Outside Diameter	0.75"(19mm), 1"(25.4mm), 1.25"(31mm)	1"(25.4mm), 1.25"(31.75 mm)	0.75"(19mm), 1"(25.4mm), 1.25"(31.75mm)	0.75"(19mm), 1"(25.4mm), 1.25"(31.75mm)	4.6"(117mm) (indicator dial)
Overall Length	9 - 11"(229 - 279 mm)	5.5"(1340 mm)	8" (203 mm)	21"(533 mm), 23"(584 mm)	10"(254 mm)
Work Mode	MRO	SRO	SRO	MRO/SRO	MRO/SRO
Service	H2S	H2S	H2S	H2S	H2S
Housing Material	Inconel 718 / SS 17-4	Inconel 718 / SS 17-4	Inconel 718 / SS 17-4	Inconel 718 / SS 17-4	*
Sample Rate	1 second to 18 hours	1 second to 18 hours	1 second to 18 hours	0.1 second to 18 hours	1 second to 18 hours
Safety Rating	*	*	*	*	C.S.A. / Class 1, Division 1

* Not applicable or customizable