Features

- Precision platinum RTD sensors

- Broad measurement range

- Economical field-replaceable battery

- Operator programmable sample rate, start, delay and stop functions

Applications

- Autoclaves

- Ovens

- Temperature chambers

- Depyrogenation tunnels

Kaye ValProbe™ is a wire-free process validation and monitoring system designed around the measurement and reporting requirements of the most intensely regulated industries. ValProbe simplifies access to hostile, remote and hard-to-reach environments by eliminating hard-wired sensors—greatly reducing study setup time and associated costs.

The Dual Logger is equipped with two high-accuracy temperature sensors, each capable of capturing 10,000 data points. The dual sensor configuration is ideally suited for measuring penetration and distribution parameters from a single instrument. Precision platinum RTD sensors provide exceptional accuracy and durability. The Dual Logger is available with pairs of bendable or flexible probes, or with a single rigid probe paired with either a flexible or bendable probe.

For the most extreme operating conditions, the Dual Logger is compatible with the low profile Insulating Canister. Designed for use with the bendable probes, the Insulating Canister protects the internal electronics and battery for maximum "time at temperature."

Kaye ValProbe™
Dual Loggers

Amphenol
Advanced Sensors

Dual Loggers Specifications

Sensing Element	**Precision Platinum RTD**
Measurement Range	0 to 140°C ± 0.1°C
and Accuracy	2-45 to 0°C ± 0.2°C
Environmental	
Temperature	-45 to 140°C
Humidity	0 to 100% humidity, condensing
Pressure	6 Pa to 10 bar absolute
Logger Material	316 stainless steel
Battery	Field-replaceable 3.6V Lithium Thionyl Chloride
Sampling Rate	1 second to 12 hours
Data Storage	10,000 samples per sensor
	retained in EE PROM memory
Calibration	Factory calibrated (NIST-traceable)
	with user calibration
Real Time Clock Accuracy	15 seconds per 24 hours (0.0174%)
	from -45 to 140°C
Regulatory Compliance	UL, CE, Intrinsically Safe

Dual Logger Configurations

1.5" (38mm) rigid sensor with bendable probe (specify length)

Two bendable probes (specify length)

1.5" (38mm) rigid sensor with flexible probe (specify length)

Two flexible probes (specify length)

Part Numbers

PL = Probe Length, TL = Tip Length
Rigid/Bendable XDVP1.5R-B(PL)
Example: XDVP1.5R-B15
Rigid/Flexible XDVP1.5R-F(PL)-(TL)
Example: XDVP1.5R-F24-3
Dual Bendable XDBVP- (PL) - (PL)
Example: XDBVP12-18
Dual Flexible XDFVP-(PL)-(TL)-(PL)-(TL)
Example: XDFVP12-2-12-2

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