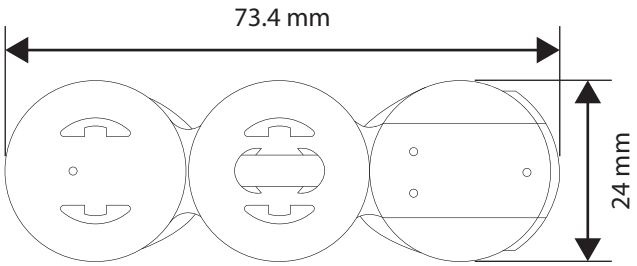
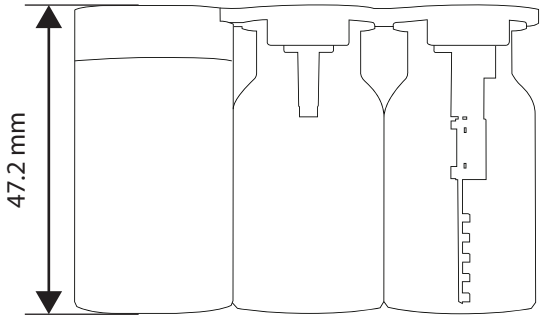
GMP RF MP5

Real Time Wireless Temperature Data Logger with Flexible RTD Probe
-60°C to +85°C

21 CFR Part 11

+ *Collects and transmits real time temperature to XpertLog Software*
+ *ITS-90 calibration coefficients are stored in the internal memory*
+ *Complies with FDA 21 CFR Part 11*
+ *Network ready: multiple users, centralized, server database, active directory authentication*
+ *Calibration can be performed on site*
+ *Can be remotely activated*
+ *Autoclavable at 121°C cycle without measurement*





Sensor type	5 x 4 wire PT100
- length	designed for 10R Vial
- sensor size	1.25 x 2.0 mm (0.05 x 0.08")
- cross section	1 mm² (0.0016 inch²)
Probe length	approx. 80 mm (3")
Operating range	
- body	-60°C to +85°C
- sensor	-60°C to +85°C
Accuracy	±0.1°C from -60°C to 85°C
1 year drift	<0.1°C
Resolution	0.01°C
Memory capacity	32,000 data points
Memory type	non volatile
Sampling rate	1 sec to 24 hours
Transmission	simultaneus: maximum 20 loggers sequential: unlimited
Internal clock drift	4 sec / 24 h @ 23°C
Mechanical	
- material	Peek 1000 - FDA compliant
- enclosure	IP-61
- weight	25 g (0.88 oz)
- diameter	24 mm (0.94")
- height	47.2 mm (1.85")
- length	73.4 mm (2.88")
Power	1 x Lithium battery, 0.35 g/each Lithium content classified UN3091 under IATA DGR section 3.9.2.7 compliant with ICAO/IATA packing instructions 970, user replaceable
Battery lifetime	Up to 2 months, based on usage
Antenna	Internal
Wireless range	121 m (400 feet)
Radio frequency	2.4 GHz ISM band
Access point	USB to computer
	Programs and reads unlimited number of loggers
Calibrations	Factory Calibrations: traceable NIST/COFRAC - ITS-90 coefficients stored in the internal memory User Calibrations: closed loop calibration using XpertLog® software
Certification	EMC: EN 60601-1-2 / 2007 RF: EN 300440-2 v1.3.1 (2009-03)

Order Reference

GMP-RF-FLTSET10R-FLEX-5S

Standard Calibration Points

- -60°C
- 0°C
- 85°C

MP5 = 5 sensors on the flex PCB

Lives International®

XpertLog software