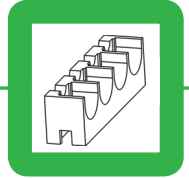# Standard Data Logger GDP F

Wireless Temperature Data Logger with Flexible Sensor
-40°C to +85°C

FDA 21 CFR Part 11

+ *Collects and stores temperature information in the internal memory*
+ *Recover the data through the docking station using 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*
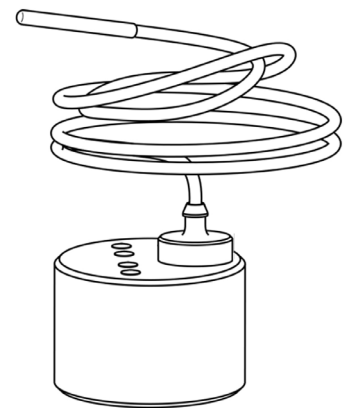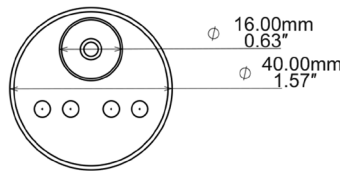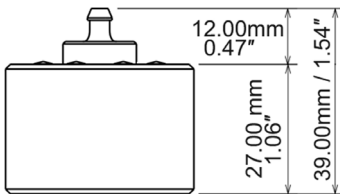
Sensor type	4 wires PT-100
- flexible	430 mm (17") PTFE/SS
- customized	up to 5000 mm (195")
- Sensor size	1.5 x 8 mm (0.06 x 0.315")
- cross section	1.77 mm² (0.0027 inch²)
Operating Range	
- body	-40°C to +85°C
- Sensor	-40°C to +85°C
Accuracy	±0.1°C from -40°C to +85°C
Resolution	0.01°C
Memory capacity	32,000 data points
Memory type	non volatile
Sampling rate	1 sec to 24 hours
Internal clock drift	4 sec / 24 h @ 23°C
Mechanical	
- material	POM-C; FDA compliant
- enclosure	IP-67
- weight	44 g (1.55 oz)
- diameter	40.0 mm (1.57")
- height	50.0 mm (1.97")
Power	1 x Lithium batteries, 0.35 g/each Lithium content
	classified UN3091 under IATA DGR section 3.9.2.6
	compliant with ICAO/IATA packing instructions 970, user replaceable
Battery lifetime	Up to 12 months, based on usage
Docking station	USB to computer
	4, 8, 12 and 20 ports available
	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	Health Safety: EN 60950-1 / 2006
	EMC: EN 60601-1-2 / 2007

Order Reference

GDP-F
GDP-F-1m
GDP-F-2m

Standard Calibration Points

- -40°C
- 0°C
- 85°C

XpertLog software