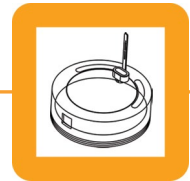
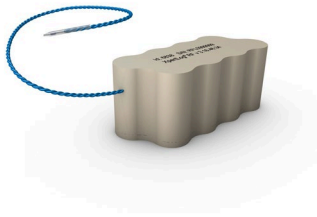


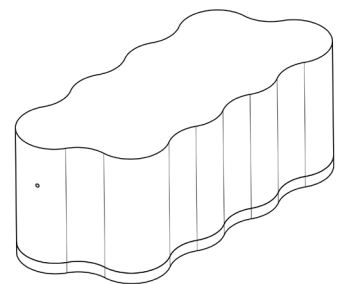
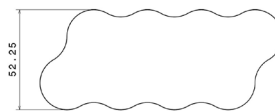
GMP RF F 20R8V



Low Temperature Real Time Wireless Data Logger with Flexible Sensor Usable at -120°C -90°C to +85°C



- + Real time data to XpertLog Software above -60°C
- + 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



Sensor type
- flexible
- customized
- Sensor size
- cross section

4 wires thin, teflon
150 mm (6") or custom length
up to 5000 mm (195")
1.2 x 1.6 mm (0.05 x 0.06")
0.48 mm² (0.0007 inch²)

Operating Range
- body

-90°C to +85°C
-120°C up to 30 minutes
-200°C to +200°C

- Sensor

Before exposing the logger to temperatures below -90°C, the logger must stay for at least 3 hours at ambient temperature to allow warming to ambient

Accuracy

±0.1°C from -90°C to +85°C
±0.5°C at -196°C

Resolution

0.01°C

Memory capacity

32,000 data points

Memory type

non volatile

Sampling rate

1 sec to 24 hours

Transmission

simultaneous: maximum 20 loggers
sequential: unlimited

Internal clock drift

4 sec / 24 h @ 23°C

Mechanical

- material

Peek 1000 - FDA compliant

- enclosure

Screws: 316L

- weight

IP-64

- length

230 g (8.11 oz)

- width

126 mm (4.96")

- height

52.25 mm (2.06")

Power

53.5 mm (2.09")

Battery lifetime

Lithium battery, user replaceable

Antenna

Up to 6 months, based on usage

Wireless range

Internal

Radio frequency

up to 121 m (400 feet)

Access point

2.4 Ghz ISM band

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

Health Safety: EN 60950-1 / 2006

EMC: EN 60601-1-2 / 2007

RF: EN 300440-2 v1.3.1 (2009-03)

FCC compliant

CE certified

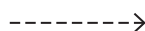
Order Reference

GMP-RF-F-20R8V

Standard Calibration Points

- -196°C
- -80°C
- 0°C
- 85°C

Lives International®



XpertLog
software

