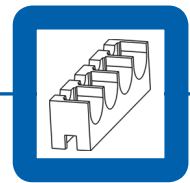


# Standard Data Logger GMP TP

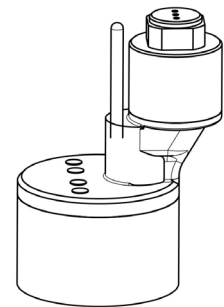
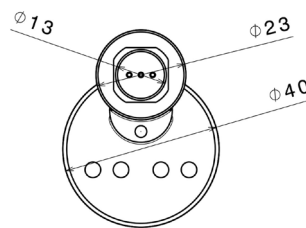
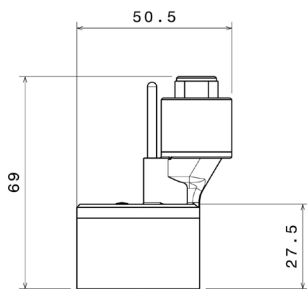


## Temperature and Pressure Data Logger with Rigid Sensor

0.01 BarA to 5.0 BarA

-40°C to +140°C

- + Collects and stores pressure and 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

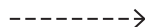


|                      |   |
|----------------------|---|
| Sensor type          | Absolute pressure / Temp: 4 wires PT-100  |
| - rigid              | 20 mm (0.8")  |
| - Sensor size        | 1.5 x 8 mm (0.06 x 0.315")  |
| - cross section      | 1.77 mm <sup>2</sup> (0.0027 inch <sup>2</sup> )  |
| Operating Range      |   |
| - body               | 0.01 BarA to 5.0 BarA   |
| - Sensor             | -40°C to +140°C   |
| Accuracy             | -40°C to +140°C   |
|                      | ±10 mbar ≤ 3 BarA @ 130°C; ±15 mbar > 3 BarA @ 130°C; ±15 mbar ≤ 3 BarA @ 23°C; ±30 mbar > 3 BarA @ 23°C; ±0.1°C from -40°C to +140°C                                   |
| Resolution           | 0.1 mbar; 0.01°C  |
| Memory capacity      | 16,000 data points pressure / 16,000 data points temperature  |
| Memory type          | non volatile  |
| Sampling rate        | 1 sec to 24 hours   |
| Internal clock drift | 4 sec / 24 h @ 23°C   |
| Mechanical           |   |
| - material           | Peek 1000 - FDA compliant   |
| - enclosure          | IP-51   |
| - weight             | 57 g (2.01 oz)  |
| - diameter           | 40.0 mm (1.57")   |
| - height             | 69.0 mm (2.72")   |
| 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   |
| Calibrations         | Programs and reads unlimited number of loggers  |
|                      | 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  
GMP-TP

Standard Calibration Points  
hysteresis at 23°C and 130°C:

- 0.05 BarA
- 0.50 BarA
- 1.00 BarA
- 1.50 BarA
- 2.00 BarA
- 2.50 BarA
- 3.00 BarA
- 3.50 BarA
- 4.00 BarA
- 4.50 BarA
- 5.00 BarA



XpertLog  
software

