

MM3PEX

ATEX compliant GSM/GPRS-Based
Low Power Remote Telemetry Unit



PRODUCT INFO

The MM3PEX RTU is an intrinsically safe version of the popular Battery MM3P with all the same powerful features such as long battery life, full telemetry features and simplicity of installation. It provides the best of both worlds; a 'logger's' compact form and simplicity of installation with the rich functionality of a high performance RTU enabling organisations to monitor data from geographically dispersed sites. This model is designed to monitor assets in hazardous environments where ATEX compliance and IP68 sealing is required.

Remote telemetry units collect data automatically and connect directly to sensors, meters, loggers or process equipment, they are therefore key to the management of assets in a wide variety of applications. The MM3PEX is a completely self-contained, low cost fit-and-forget unit for use in harsh and hazardous environments in remote locations requiring ATEX compliance (to zone 0). It can be used to remotely monitor data from just one site, or enable control of a much wider facility involving thousands of RTUs, transferring data to a data gatherer on command.

Its design exploits mainstream technologies which helps to minimise costs whilst at the same time ensuring reliability and a long product life. The latest developments in low power technology are employed, allowing the MM3PEX to derive all the power it needs (including sensor power, if required) from an inexpensive field-replaceable battery pack. This, together with an integral GSM/GPRS modem, ensures a long service life with low infrastructure costs.



KEY FEATURES:

- Real time remote monitoring, delivering on-going cost savings by avoiding the need for site visits
- Certified intrinsically safe; ideal for use in hazardous environments and comparing favourably with other explosion-proof and ATEX compliant solutions
- GSM and GPRS communications for guaranteed delivery of data
- Extended battery life, as much as 4-5 years with 15 minute monitoring regime and 24 hour dial in
- Safe, alkaline battery technology
- Unit casing IP68 compliant down to a depth of 4 metres for 4 days
- Light (2.0 kg including battery) and compact unit (footprint 300mm x 130mm x 80mm)
- Full configuration, including communications settings, modem controls, dialback phone numbers, alarm and event thresholds, time deadbands etc
- Directly connects to SAAS, Metasphere's bureau service