MOBILTEX

CorTalk® SUNBIRD-TR

CATHODIC PROTECTION TRANSFORMER RECTIFIER REMOTE MONITOR

CorTalk
a MOBILTEX brand



Product may not ship exactly as shown

PRODUCT OVERVIEW

The SUNBIRD-TR (Transformer Rectifier) Monitor is a compact Remote Monitoring Unit (RMU) that can be housed within the rectifier cabinet or supplied in a separate enclosure ready for mounting externally.

It carries out the functional checks of rectifier output (voltage and current) required to ensure a continuous CP supply to the pipeline and to comply with regulatory guidelines.

The SUNBIRD-TR checks that the rectifier remains powered by its external electrical supply. If the power fails, an alarm is transmitted and the unit's internal batteries take over monitoring for up to 30 days. The device utilizes NB-IoT backhauls, ensuring performance in the field for years with the added benefit of wide geographical coverage.

Captures CP measurements (ON and OFF potentials) with the ability to synchronize remotely with other rectifiers on a pipeline for CIPS (Close Interval Potential Surveys) or DCVG (Direct Current Voltage Gradient) surveys.

A solid-state interrupter allows interruption in perfect synchronization with other RMUs and all measurements are captured automatically and transmitted to the cloud-based iCPSM4 for report generation, quickly realizing your ROI when compared to scheduled manual reading capture.

FEATURES OF SUNBIRD-TR

- On-demand readings and control of rectifier output relay via iCPSM4
- Sealed, weatherproof unit with robust lightning protection and wide operational temperature
- AC or DC powered with 30 day battery backup
- Automatic reading capture of rectifier outputs, ON/OFF potentials
- Synchronization enables close interval surveys to be carried out more quickly, with no rectifier setup
- Synchronized to 10ms precision interruption with other RMUs
- Start with the ON or OFF for interruption, cycles up to 120 seconds
- Compatible with Solid State Relays (SSRs) and mercury relays
- Immediate alarm generation (user preset thresholds on all channels)
- Alarms when on set threshold limits or rectifier power failure

**Available in United Kingdom Only



READY TO SPEAK TO ONE OF OUR PRODUCT SPECIALISTS?

CALL TOLL-FREE IN UNITED KINGDOM:
(0) 800 640 4037

+44 (0) 1633 811870 | info@mobiltex.com | mobiltex.com

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