Technical Specifications

5236 Tokenless Smart Prepayment Meter

Parameter	Characteristics
Meter Type	5236E-Y Electronic tokenless prepayment meter
Approval	BS EN61036 etc etc
Measuring Range	0,5 – 10 (100)A
Measuring Accuracy	Class B
Display	125 segment STN LCD with backlight
Network	1 phase 2 wire
Reference Voltage / Frequency	220 - 240v / 50Hz
Operating Voltage Range	-20% to + 15%
Power Consumption	0.22VA @ 20A; 17.5W 2.2Va max@230V
Current Range	0,5-10 (100) A, 0,75-15 (100)A, 1-20(100)A
Temperature Range Operational	-25°C to +55°C
Temperature Range Storage	-30°C to +85°C
Communications	Optical Port [IEC62056-21] Remotely via encrypted SMS and Tri-band GSM modem
Quality	ISO9001:2000
Reference Standards	EN50470-1 EN50470-3
Construction	Glass filled polycarbonate [V0 rated]
Terminal Arrangement	BS/Solid brass conforming to BS 5685
Terminal Size	53 mm2
Weight	750g
Dimensions	Width 125 mm; Height 175mm; Depth 50mm

Landis+Gyr
5236
**Tokenless Smart
Prepayment Meter**

Benefits

5236 Tokenless Smart Prepayment Meter

Remote Communication and Payment Transfer

+ Designed to solve the problems associated with existing Prepayment technologies. The Landis+Gyr 5236 electricity meter uses SMS messaging over the standard GSM network to provide Tokenless Prepayment, remote meter reading & programming.

+ By not requiring a physical token to add credit, the meter solves the issues of token loss, out of hours call outs and problems associated with token interaction of current Prepayment meters.

+ Payments are transferred to the meter in a secure 20-digit code, and in cases of momentary network loss, the user is able to enter the same payment code locally using a simple push button entry process, preventing unnecessary call centre enquiries.

+ Using the back-office software application the utility has the ability to remotely program individual or multiple meter points, including tariff plans and configuration details

+ Online access to important meter data improves customer relationship without costly meter visits. Accurate meter reads can be obtained at the push of a button.

+ The ubiquitous nature of the GSM network allows meters to be installed without relying on density, upon which many remote communicating meters and systems rely. Meters can therefore be fitted in a random manner and not require whole area coverage.

Key Features

5236 Tokenless Smart Prepayment Meter

Tariff operation
The meter is capable of operating a wide range of tariff types including Time-of-use tariffs, Block tariffs or a combination of both. The meter is therefore capable of offering the now popular non-standing charge type tariff for prepayment. Future tariffs may be loaded to the meter for activation at a predefined time.

Installation & Decommissioning
The installation and decommissioning processes are controlled by PIN entry to the meter, therefore removing the need for expensive programming and service tools. The installation process allows a previous meter's balance to be transferred to the new meter and all details relayed automatically to the host PPMIP system.

Tamper Alerts
In event of SIM tampering or reverse running the meter can inform the host PPMIP system by automatically sending tamper alert messages on occurrence. The tamper alert notifies the time and date of occurrence.
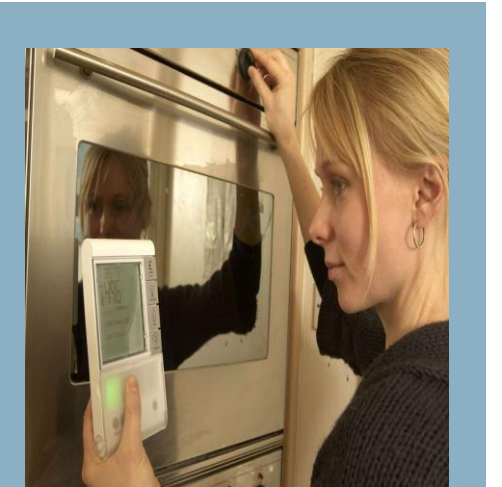
Remote Meter Reading
Changes in tenancy or supplier can be actioned remotely by requesting the meter to send critical data back to the host system at a predefined time. At the same time credit parameters can be reset ready for the next user. Additionally the meter can be set to provide a scheduled read over a configured time period and allow instantaneous read requests to be made.

Emergency Credit/Friendly Non-Disconnect
An Emergency Credit feature allows the customer to gain a predefined amount of credit when their remaining credit runs low or expires. A low credit warning buzzer indicates a low credit level to the user. Additionally a non-disconnect feature prevents the user from self disconnecting at inconvenient times, such as weekends or nights.

Debt Recovery
Outstanding debts may be recovered through the meter, with collection made at regular intervals at a programmable weekly rate. Debt recovery can be programmed remotely and collection halts automatically when complete.

The 5236 Meter is Compatible with the ecoMeter Home Energy Monitor and Libra 310 Gas Meter via Low Power Radio Communications providing a complete Dual Fuel system