

Electricity Meters IEC / BS

# RESIDENTIAL

Landis+Gyr Domestic

## FUNCTIONAL AND COST-EFFECTIVE - TODAY AND IN THE FUTURE

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Gyr<sup>+</sup>





RESIDENTIAL

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# FUNCTIONAL AND COST-EFFECTIVE - TODAY AND IN THE FUTURE

Both functional and cost effective, optimized for life-cycle performance in the competitive residential sector.

Those are the qualities you will find in our latest generation of residential meters.

## BASIC FUNCTIONALITY

	Landis+Gyr Domestic
ELECTRONICS	Large liquid crystal display Optical test output / optical interface
FUNCTIONS	External tariff control via terminals
HOUSING	Glass fiber reinforced, antistatic Unbreakable inspection window Wiring diagram on faceplate

Even our basic models offer more than just basic functions.

## BASIC CONFIGURATION

	Landis+Gyr Domestic	DIN Standard	British Standard
CONNECTION TYPE	Direct connection, single-phase Direct connection, three-phase		
MEASURING ACCURACY	Class 2 Class 1		
VOLTAGE	120 V 230 V		
TARIFFICATION EXTERNAL	Single rate Two-rate Four-rate		
TARIFFICATION INTERNAL	Up to two-rate Up to Four-rate		
INPUTS / OUTPUTS	Pulse output S0(r53) up to 2 outputs up to 2 inputs up to 4 inputs		
COMMUNICATION	Optical interface CS interface M-Bus Plug + play interface Solar cell		

▲ Pulse output programmable for periodic data output

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## AN EXTENSIVE OFFERING FOR A BROAD RANGE OF REQUIREMENTS

Precision, reliability, demand-driven functionality, durability and cost-effectiveness over its entire life cycle – those are still the requirements for a meter for residential applications.

The choice is yours – from simple, low-cost residential meters up to sophisticated, cost-optimized ones. In our extensive product portfolio you will find a device that meets your needs perfectly. So you only have to pay for the functionality that you actually need.



Our meters are suitable both for DIN and British Standard applications. The active energy measurement accuracy is class 2, but class 1 is also available as an option.

They provide IEC62056-21 (IEC1107) for local reading, and DLMS as a systems integration interface.

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# UNCOMPROMISING CONSUMPTION METERING

We offer an extensive range of designs for your specific needs. This enables us to provide optimal support for your processes at the greatest cost-effectiveness.



ZCE with BS sym-  
metrical connection



ZCE with DIN  
connection



ZCE with transparent  
terminal cover



ZME - with  
communication  
interface



ZMD120AP also  
available in the AS  
version with a solar cell



ZMD120AR with  
demand register and  
communication interface

## ADDITIONAL FUNCTIONALITY

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ZCE100	Register definition (4 real, 1 virtual) Readable via optical interface Programmable readout list Transparent terminal cover (fraud-proof)
ZME100	Choice of three recording models: Energy import only Difference import / export Sum of import and export (3 modi) Readable via optical interface Programmable readout list Pulse output programmable for periodic data output Transparent terminal cover (fraud-proof)
ZxD100AP	Choice of three recording models: Energy import only Difference import / export Sum of import and export (2 modi) Pulse output programmable as CS interface (IEC62056-21 and DLMS)
ZxD100AS	Choice of three recording models: Energy import only Difference import / export Sum of import and export (1 modi) Solar cell for readout without power supply
ZxD100AR	Register definition 8 measurement channels with total register 1 demand register Max. 35 stored values per register Output programmable as CS/r53-interface (IEC62056-21 and dlms) Real-time clock with power reserve and calendar for seasonal/monthly control Utility sealed reset button Button for the display M-Bus interface

## ADDITIONAL BENEFITS

Concentration on essentials and the use of proven technologies are the minimum requirements that we place on our own products as the world's leading manufacturer of energy meters. Add to that our very high quality demands on the materials and technologies we use. These are the prerequisites for accurate, reliable and cost-optimized metering for your residential customers.

Additionally, we abide by fundamental ecological principles – from production to disposal. So you can be sure of making the right investment both for the present and for the future.

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# DEFINING «MEANS OF PRECISION»

Outstanding solutions with persuasive intelligence, reliability and durability as the basis for enhanced customer process efficiency. This is our commitment. Continuously bearing in mind economic and ecological requirements to your advantage: optimal life cycle costs as well as safe recycling.

We set the standards in energy consumption metering. That has been our passion since 1896, and will remain so in the future.

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