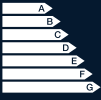


# CERTIFIED ENERGY LOGGING IN MINIATURE FORMAT

SMALL, COMPACT,  
METRALINE ENERGY





Compact Design Including MID  
Approval at an Attractive Price



## SMALL, COMPACT, METRALINE ENERGY

The active energy meters of the METRALINE ENERGY series facilitate energy data acquisition for a broad range of applications. Thanks to integrated, expandable interfaces and an extremely compact design, these MID-certified energy meters are the ideal solution where space is extremely limited – and they're cost-effective and feature GOSSEN METRAWATT's usual top quality.

### PRODUCT HIGHLIGHTS



**MID certification:** suitable for billing purposes



**4-quadrant measurement:** measurement of energy import and export



**Communication functions:** integrated S0, M-Bus and Modbus RTU interfaces, expandable via IR



**Flexible:** 2 and 4-wire systems with direct connection, 5 (40) A / 5 (80) A, or current transformer connection, 1 (6) A



**Small footprint:** more space in the distributor thanks to ultra-compact design: 1, 2 and 4 standard width units (18 mm, 36 mm, 72 mm)

# RANGE OF APPLICATIONS

The active energy meters of the METRALINE ENERGY series – MID-certified, compact and with integrated interface. Ready for any application ...



... IN THE PRIVATE SECTOR



... IN URBAN SETTINGS



... IN THE FIELD OF POWER GENERATION



... IN PRODUCTION ENVIRONMENTS

- Energy monitoring
- Energy management
- E-mobility applications
- Billing
- Building automation
- Renewable energy systems
- Acquisition of energy systems (PV and storage batteries)
- Consumption billing / cost distribution

# STANDARD MODELS

Designation	Article Number	Code
<b>Digital AC meter with direct connection, 5 (40) A</b>		
2-wire system, 230 V, S0 pulse output	U281A	B7
2-wire system, 230 V, Modbus RTU	U281B	B7
2-wire system, 230 V, M-Bus	U281C	B7
<b>Digital AC meter with direct connection, 5 (80) A</b>		
2-wire system, 230 V, two S0 pulse outputs	U282A	B7
2-wire system, 230 V, Modbus RTU	U282B	B7
2-wire system, 230 V, M-Bus	U282C	B7
<b>Digital 3-phase energy meter with connection via current transformer, 1 (6) and 5 (6) A</b>		
4-wire system, 3 x 230 / 400 V, two S0 pulse outputs	U289A	B7
4-wire system, 3 x 230 / 400 V, Modbus RTU	U289B	B7
4-wire system, 3 x 230 / 400 V, M-Bus	U289C	B7
<b>Digital 3-phase energy meter with direct connection, 5 (80) A</b>		
4-wire system, 3 x 230 / 400 V, two S0 pulse outputs	U289D	B7
4-wire system, 3 x 230 / 400 V, Modbus RTU	U289E	B7
4-wire system, 3 x 230 / 400 V, M-Bus	U289F	B7



U281x



U282x

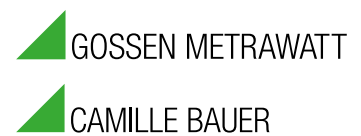


U289x

## GOSSEN METRAWATT ENERGY SOLUTIONS

Our Energy Solutions division is your qualified partner for questions covering all aspects of energy management – get in touch with us!

**GMC INSTRUMENTS**



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