

Single-phase electricity meter NORAX 1



Application

Multipurpose electricity meter for one-phase, two-wire networks. Enables direct measurement of active and reactive power. Intended for municipal customers of all tariff groups.

Features

- Bidirectional measurement of active power
- Four-quadrant measurement of reactive power
- Measurement of voltage, current, instantaneous power and maximum power
- Load profile
- Communication protocol: DLMS/COSEM
- Local communication: optical port, serial port RS-485 (optional), Wireless M-Bus 868 MHz (EN 13757) (optional)
- Firmware upgrade (according WELMEC 7.2)
- Segment LCD display
- Resistance to external magnetic field

Do you know that...



CORAX means a RAVEN in Latin and **NORAX** means a new version of this meter: a **NEW RAVEN** - innovative and multi-functional.

Basic technical data

Model	NORAX 1	
Connection method	Direct	
Rated voltage U_n	[V]	230
Reference current I_{ref}	[A]	5
Maximum current I_{max}	[A]	60
Frequency	[Hz]	50
Measurement accuracy of active energy	wg EN 50470-3	B
Measurement accuracy of reactive energy	wg EN 62053-23	2
Metering type	A+, A-, A	
Power consumption in voltage circuit	[W] / [VA]	<1 / <1,5
Electric strength	[kV]	4 (AC 50 Hz), 6 (impulses 1,2/50 μ s)
Impulse frequency	[imp/kWh]	5000
Clock	Internal, accuracy not lower than 0.5 s/24 h at 23°C	
Communication	Optical port, serial port RS-485 (optional), Wireless M-Bus 868 MHz (EN 13757) (optional)	
Display	Dedicated LCD display (65 x 20 mm viewing area)	
Temperature of operation	-25 to +55°C -40 to +70°C (Optionally)	
Housing	IP53 or IP54, II protection class	
Standards	MID Directive (B+D) EN 50470-1 EN 50470-3 EN 62053-23	

