

AB1G meter



To continue to meet our customer's demand for electromechanical meters, Elster is responding by offering the AB1G meter. The certified AB1G meter meets ANSI and other metering standards.

Elster's solutions for a changing market

The market for single phase electromechanical meters has been in decline as utilities migrate to smart metering systems and raw material costs continue to increase. Elster has responded to the changes by offering the AB1G meter. The "G" in the nomenclature AB1G signifies a "green" meter.

The AB1G meter uses a pre-owned, pre-qualified and tested meter chassis with a new rotor and bearing system installed. The meter is available as a Class 200, Form 2S, standard clock dial 13 8/9 RR register with either a glass or polycarbonate cover. Elster also supports specific OEM module installation.

With an Elster AB1G meter, you get:

- qualified, recent vintage, reconditioned Elster meters from select field locations
- pre-qualified and tested meter chassis
- new rotor and bearing system (bearings, disk, and shaft)
- standard Elster warranty (1 year per Elster Terms & Conditions)

- manufacturing quality controls, calibration standards, and calibration reports
- calibration equal to new meters

AMR capability

By installing communication modules under the cover of single phase meter, the Type AB1G meter can integrate with different automated meter reading (AMR) systems.

The Type AB1G meter can be ordered with the communication already installed, and meters deployed in the field can be retrofitted.

In addition to the following technologies, information is available to new vendors to assist them in adding their modules to the Type AB1G meter.

- AB1GR Form 2S with Itron ERT module¹
- AB1GR Form 2S with CellNet BAMB module
- AB1GR Form 2S with Aclara TWACS module
- available with optional new polycarbonate cover
- AMR modules uses clip-on voltage leads

Type AB1G meters meet or exceed ANSI C12.1-1995 and ANSI C12.10-1998.

AB1G Description

- single phase, Form 2S
- standard 5-dial clock 13 8/9 RR register
- Class 200
- 120 or 240 V

AB1G meters provide the same design features as found in the AB1 meter:

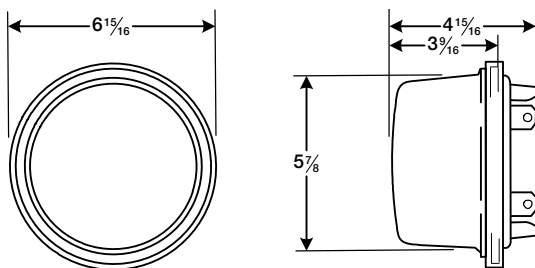
- new rotor and bearing system (bearings, disk, and shaft)
- standard Elster warranty (1 year per Elster Terms & Conditions)
- manufacturing quality controls, calibration standards, and calibration reports
- calibration equal to new meters
- high reliable, epoxy-encapsulated voltage coil
- Magnethrust bearing system for accurate registration and tamper resistance

- corrosion protection for long life
- fixed register mesh requiring no adjustment during register installation
- filter seal system protects against contaminants while minimizing condensation

About Elster Group

Elster, a global leader in smart metering and smart grid solutions has delivered over 3 million smart metering devices worldwide with systems located in North America, Europe, Central America, Australia, New Zealand and the Caribbean. Elster smart metering system solutions provide utilities with energy conservation capabilities via demand response programs, smart grid applications, and operational efficiencies resulting in significant value creation across the utility enterprise. Elster has over 7500 staff and operates globally in North America, South America, Europe, Africa, Middle East, and Asia.

Meter	Number in carton	Domestic		Export			
		Net weight lb [kg]	Shipping weight lb [kg]	Net weight lb [kg]	Legal weight lb [kg]	Gross weight lb [kg]	Shipping box dimensions in inches
AB1G	4	15.5 [7]	18.25 [8.3]	15.5 [7]	18.25 [8.3]	18.25 [8.3]	15.75 x 15.75 x 7.38



All weights and dimensions are approximate.

¹ Uses a switch containing mercury. Dispose of according to local, state, and federal laws.

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