

## Water Meter Specifications

Single-jet Technology Electrical Meter  
DN15 (13mm)

Model

EA13E  
EAL13E

### 1. General description

EA13 is a single-jet technology water meter. In the measuring chamber, the impeller is set horizontally and flow hits the impeller.

EA13 has a built-in micro-controller which measures the flow rate by counting the rotation of the helix and displayed it on the LCD unit. Also it gives the EA13 many good features, such as periodical flow rate data storage - load survey data - or leakage detection. EA13 has pulse output function, too.

### 2. Materials

Measuring chamber	Casting bronze
Register	Synthetic resins
Impeller	Synthetic resins
Register box	Synthetic resins

### 3. Performance and dimensions

Model name	EA13E	EAL13E
Diameter DN (mm)	13	
Permanent flow rate $Q_3$ (m <sup>3</sup> /h)	2.5	
Performance ratio R	100	
Flow range of maximum permissible error (m <sup>3</sup> /h)	± 5%	0.025ÖQ <0.04
	± 2%	0.04ÖQ Ö3.13
Capacity (m <sup>3</sup> /day)	10 hour use / day	7
	24 hour use / day	12
Head loss at $Q_3$ (MPa)	Ö0.063	
Maximum working pressure (MPa)	1	
Totalizer (6 digits in m <sup>3</sup> )	Minimum scale (L)	0.1
	Largest volume (m <sup>3</sup> )	9,999
Working maximum water temperature (°C)	30	
Pulse rate (per pulse)	1L, 10L, 100L, 1 m <sup>3</sup>	
Battery life	More than 8 years	
Length (mm)	100	165
Weight (kg)	1.0	1.1

These specifications might be changed without notice.