

# Hvac components



## Flowmeter

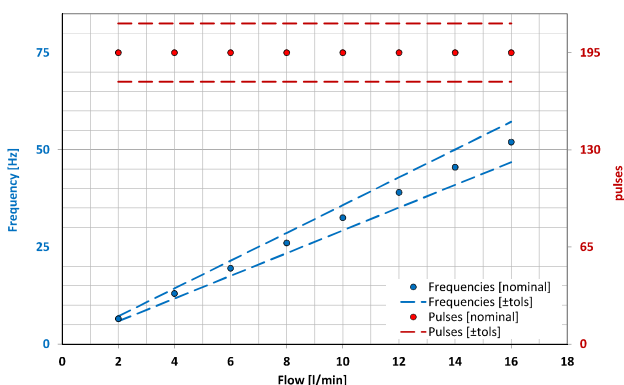


### Description

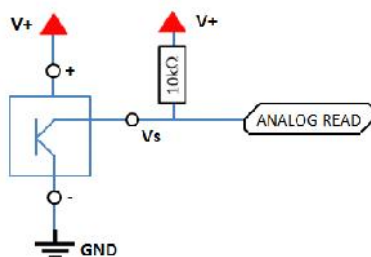
Device designed to detect the water flow rate into the domestic water circuit. The rotation of the impeller is detected by a hall sensor. The rotational speed of the rotor is proportional to the flow rate through a constant K factor.

It can detect low flowrates due to its sensitivity, maintaining an high level of measurement accuracy and stability starting from 2.0 l/m up to 16 l/min.

### Flowmeter output curves



### Electric scheme



### Datasheet

**Ambient temperature** From 2° to 70°C

**Water temperature** From 2°C to +70°C, peak 85°C

**Water pressure** From 0 bar to 10 bar

**Hydraulic interfaces** G 1/2

**Flow detection** Hall sensor

**Pressure drop @ 10 l/min**

184 mbar [Kv factor ~ 1.4]

**Flowmeter K factor** 195 pulses/liter<sup>(\*)</sup>

**Working position** Vertical/horizontal

**Power supply** 12VDC, 3÷6mA

**Electric connections** Rast 2.5 (3 way)

**Approval(s)** WRAS compliant

**Available features**

Flow restrictor (on request from 6.5 to 18 l/min)

Integrated plastic filter (metallic filter on request)

(\*) On stand alone component; nominal K factor value can be different when the component is integrated on the hydraulic group

### Overall dimensions

