

## Technical datasheet

### Flow meter " OTG.Flowmeter.H250RRM7"

#### Introduction

The H 250 flow meter for liquids and gases is an all-metal flow meter, which operates via float principles. Depending on the flow rate, the float will assume a certain vertical position inside the tube. The float position transmits by a magnetic coupling system to the scale.

It is designed for installation in a vertical pipe rin with flow from bottom to top. The rugged construction of the H 250 variable-area flow meter makes it particularly suitable for difficult application and environmental conditions.

In the M7 indicator, the rotational movement of the follower magnet system is mechanically linearized via a cam plate and the flow rate is indicated on the scale.



OTS Item number: 9000-431

#### Features

- All component replaceable.
- All weld seams accessible for X-ray examination.

#### Safety features

- Resistant to extreme chemical, mechanical and thermal loads.
- Measuring section of rugged all-metal construction.

#### Capacity & performance

Measuring range	
Water 20 °C	0,025 to 100 m <sup>3</sup> /h
Air 1,013 bar 20 °C	0,7 to 600 m <sup>3</sup> /h
Max temperature	150 °C
Max pressure	83 bar

#### Weight & dimensions

Length	300 mm
Width	500 mm
Height	900 mm
Gross weight	25 kg