

# Signet flowmeter type 515

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The GF Signet Flowmeter Type 515 is an electronic meter that combines easy installation with high accuracy.

The flowmeter can be used for a variety of situations. The output signal is a sinusoidal frequency induced by an internal generator. This flowmeter can be recognised from the red cap.

## APPLICATION

Monitoring of flows

## CHARACTERISTICS

- ✓ Easy to install for a wide variety of applications
- ✓ No separate electric power supply required
- ✓ Chemically resistant materials
- ✓ Available in lengths P0, P1 and P2

## TECHNICAL DATA

### General

Flow range	: 0.3 - 6 m/s
Pipe sizes	: DN 15 - DN 900
Maximum pressure	: 12.5 bar (at 20°C) / 1.7 bar (at 90°C)
Maximum temperature	: 100 °C

### Electrical

Linearity	: +/- 1% of maximum range
Repeat accuracy	: +/- 0.5% of maximum range
Frequency	: 19.7 Hz per m/s nominal
Amplitude	: 3.3 V per m/s nominal
Output signal	: signal with sinusoidal frequency
Cable type	: 2 wire 'twisted pair', shielded
Cable length	: 7.6m standard / 60m maximum

### Materials

Sensor	: glassfiber-reinforced PP
O-rings	: FPM-Viton
Rotor shaft	: Titanium
Rotor	: PVDF

## INSTALLATION & MAINTENANCE

### Installation

- ✓ One of the special Signet T-pieces or saddles can be used for installation in the pipe; pay attention to the corresponding length of the sensor relative to the installation fitting used.
- ✓ Observe the enclosed installation instructions for accurate measurement.