

# Signet flowmeter type 2536

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The GF Signet Flowmeter Type 2536 is a low-flow paddlewheel with a high resolution (number of pulses/litre) and noise immunity. The sensor operates with a supply voltage and has a very low current consumption. This flowmeter can be recognised from the blue cap.

## APPLICATION

Monitoring of flows

## CHARACTERISTICS

- ✓ Broad dynamic flow range
- ✓ The electronics are protected against incorrect connection of the polarity
- ✓ Open-collector signal
- ✓ Chemically resistant materials
- ✓ Available in lengths P0, P1 and P2

## TECHNICAL DATA

### General

Flow range	: 0.1 - 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	: 85 °C

### Electrical

Linearity	: +/- 1% of maximum range
Repeat accuracy	: +/- 0.5% of maximum range
Frequency	: 49 Hz per m/s nominal
Power supply	: 3.3 - 24 VDC stabilised
	: < 1.5 mA at 3.3 - 6 VDC
	: < 20 mA at 6 - 24 VDC
Output signal	: open collector transistor, 10 mA max.
Cable type	: 2 wire 'twisted pair', shielded
Cable length	: 7.6 m standard / 305 m 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.