

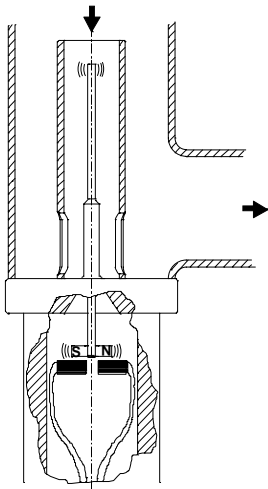
# PROCESS VISCOMETER : CIVI

Associated to signal converter: 800x family

## Low-cost instant viscosity measurement (under 100°C)

### PRINCIPLE

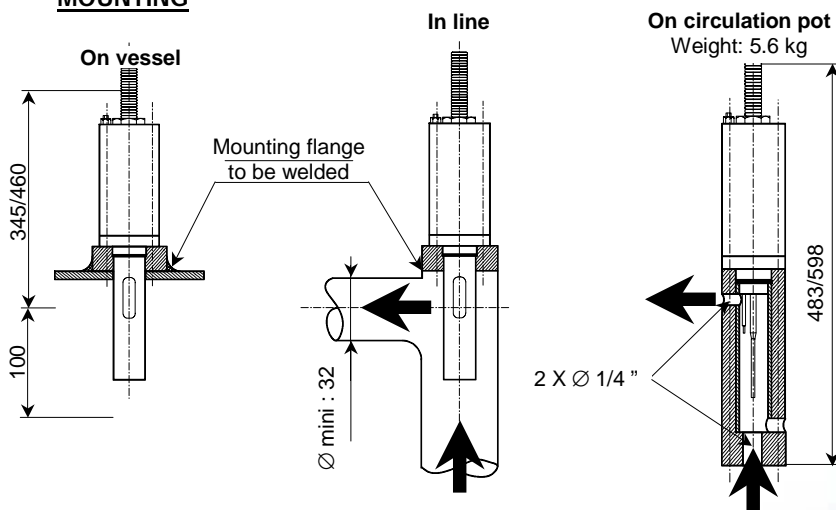
The active part of the sensor is a vibrating rod, held in oscillation by a constant electrical power.



The vibration amplitude varies according to the product's viscosity where the rod is immersed.

The signal converter associated (**800x family**) allows the vibration and processes the amplitude variations in order to deliver a calibrated viscosity response.

### MOUNTING



### ADVANTAGES

Especially developed for industrial process control at ambient temperature

**No wear part, Low maintenance**

**Operates in any position**

**Simple, rugged, accurate**

**and RELIABLE**

Easy-to-handle electronics, equipped with standardized outputs and adjustable calibration. Easy connects to any data acquisition.

### OPERATING CONDITIONS

- Operating Temperature: 100 °C max
- Working pressure: 20 bars
- Watertightness of the body: IP 67
- Material : 316 L stainless steel
- Approved ATEX EEx d IIB T4..T6

### RANGES

Any range from 0-10 mPa.s to 0-10 000 mPa.s

**Repeatability:** ± 0,2 % FS

**Accuracy:** depends on calibration and signal converter but better than ± 1 % FS



ISO 9002 (1994)

Quality System



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