

IN-LINE VISCOMETER: CIVI

(Associated to signal converter: 800x family)

Low-cost instant viscosity measurement.

Quality System

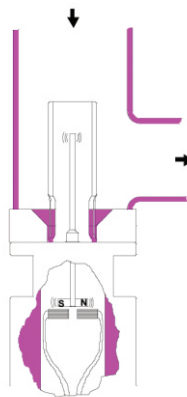


PRINCIPLE

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

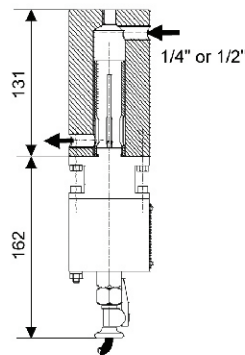
The vibration amplitude varies according to the product's viscosity where the rod is immersed.

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

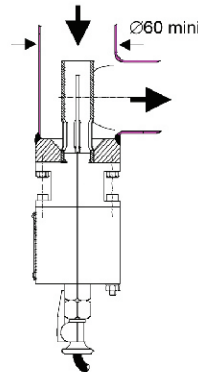


MOUNTING

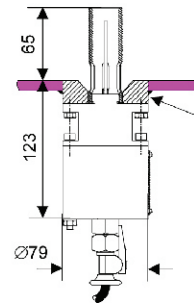
On circulation pot



In line



On vessel



Mounting flange to be welded (provided)

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

- Process Temperature: up to 40°C
- Working pressure: 20 bars
- Material: 316 L stainless steel
- Working temperature: 120°C max
- Watertightness of the body: IP 67
- Approved ATEX EEx d IIB T4..T6

MEASUREMENT RANGE

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

Repeatability

± 0,2 % FS (warranted for T ≤ 40°C)

Weight

3.4 kg

Marketed in India by



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