

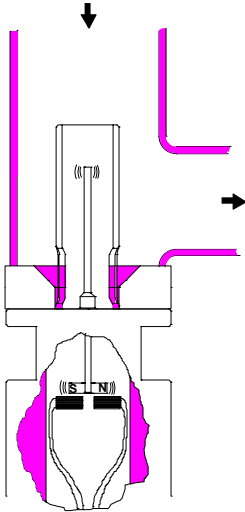
# IN-LINE VISCOMETER: CIVI

Associated to signal converter: 800x family

## Low-cost instant viscosity measurement

### PRINCIPLE

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

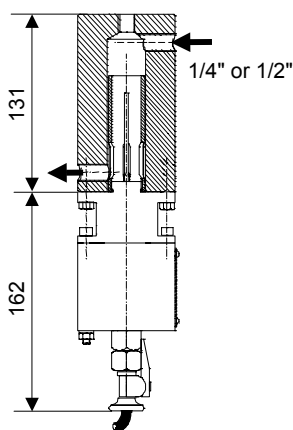


The vibration amplitude varies according to the product's viscosity where the rod is immersed.

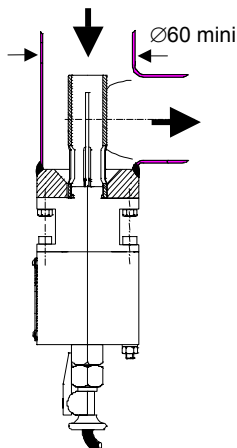
The signal converter associated (**800x family**) allows the vibration and processes the amplitude variations in order to deliver a calibrated viscosity response.

### MOUNTING

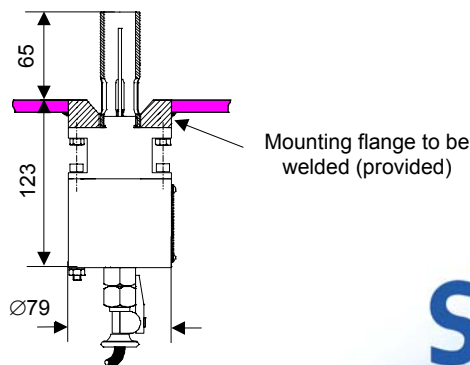
#### On circulation pot



#### In line



#### On vessel



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

### MEASUREMENT RANGE

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

**Repeatability:**  $\pm 0,2$  % FS (warranted for  $T \leq 40$  °C)

**Weight :** 3.4 kg



Quality System



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