

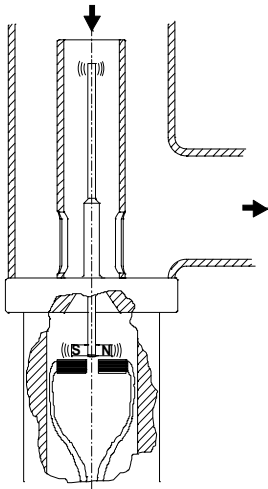
PROCESS VISCOMETER: MIVI

Associated to signal converter: 7000 or 800x family

In-line, instant and permanent viscosity measurement

PRINCIPLE

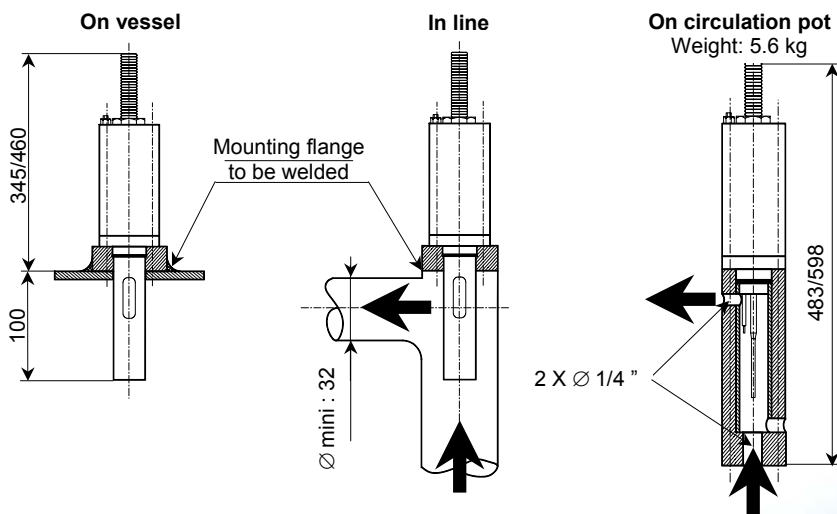
The active part of the sensor is a vibrating rod, held in oscillation by a constant electrical power.



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

The signal converter associated (**7000 or 800x family**) allows the vibration and processes the amplitude variations in order to deliver a calibrated viscosity response.

MOUNTING



ADVANTAGES

Essential for all manufacturing or quality control applications. Especially developed for industrial conditions

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.

Optional internal temperature probe (-20°C to 300°C)

OPERATING CONDITIONS

- Operating Temperature: 200 °C max (300°C on request)
- Working pressure: 60 bars (up to 500 bars on request)
- Watertightness of the body: IP 67
- Material: 316 L stainless steel, special Hastelloy manufacturing, many protective coatings possible (Diamolith, PTFE, enamel...)
- Available for hazardous areas (Approved ATEX EExdIICT1..T6) Also approved in the USA (FM) and JAPAN (JIS)
- Special model available for sanitary applications (3A)

RANGES

Any range from 0-10 mPa.s to 0-1 000 000 mPa.s

Repeatability: ± 0,2 % FS



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