

Viscosity processor 9601

Associated to MIVI sensor



Instantaneous and continuous viscosity and temperature measure

The solution for real time control of your process.
Graphic screen with 24 keys keyboard and user friendly menus for intuitive utilization.
Display modes suited to all needs.

PRESENTATION

- 9601 electronic cabinet allows vibration of MIVI viscometer and processes amplitude variations in order to deliver a linear viscosity response.
- Viscosity at reference temperature calculation with 6 segments linearization table.
- Selection of display units (mPa.s, cP, P, Pa.s - °C, °F).
- Display of cSt kinematic viscosity with constant or densimeter (optional).
- Creation of user units possibility.
- 5 products correlations with quadratic equations.
- Maximum process temperatures : sensor limits



GENERAL TECHNICAL FEATURES

Screen	STN LCD, 128 x 64 pixels
Utilisation	keyboard, 24 keys
Display	Instantaneous values, bargraph, curves Alarms, relays and outputs status
Inputs	viscosity (MIVI sensor), temperature (Pt100), density (4-20mA – optional densimeter)
Analogue outputs	Four 4-20mA outputs, viscosity, temperature, viscosity at reference temperature, density Independant and isolated, +/- 0.1%, Zmin voltage = 1kΩ, Zmax current = 500Ω, resolution 12 bits 0-10V outputs (optional)
Relays	14 (in two sets), low and high alarms, NO/NC, failure NO Power cut-off 3A, 8A max per commun, 250VAC or 30VDC
Interface	Two RS232 (RJ-11), Modbus, Canbus protocol One RS485 (RJ-11), 2 wires, 1200m max. (optional)
Power supply	24VDC – 300mA – 7.2W
Housing	Panel housing – Front panel dimensions :184 mm (width) x 155 mm (height) Total depth : 113,2 mm Material : ABS Protection degree : IP65 front panel, IP20 Weight : 0,515 kg Cut-out dimensions : 141mm (width) x 126 mm (height) – Mounting panel thickness : 5 mm max.
Sécurité	Configuration and parameters secured by customized password Battery parameters backup (7 years)

Configuration, setting and data logging software : WISC 90 (optional)