



Product:

VS-4450 / VS-B450 Transmitter

Manufactured By:

Marimex

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| Technology | <ul style="list-style-type: none"> • Fast analog PID control loop for viscosity sensor • Compatible with all ViscoScope and ViscoTron sensors |
| Measured parameters | <ul style="list-style-type: none"> • Viscosity • Process temperature (0,1°C) of process, coils and microprocessor • Analog input for external signals • Resonant frequency for sensor diagnostics |
| Display | <ul style="list-style-type: none"> • 8-line alphanumeric display, divided into 2 pages • Each page configurable for a maximum of 4 parameters |
| Configuration | <ul style="list-style-type: none"> • Via 3 push buttons on the front panel of the VS-4450 • Both the VS-4450 and VS-B450 can be configured via available VisConfig software, requirements: Windows XP or Windows 7 |
| Calculated parameters | <ul style="list-style-type: none"> • Temperature compensation to ASTM D-341 • Equal percentage temperature compensation • Dynamic and kinematic viscosity • User viscosity via scaling factor and zero shift |
| Alarms | <ul style="list-style-type: none"> • System function (watch dog timer) • Sensor diagnostics • Coil temperature • 2 configurable LED's (viscosity / temperature) • The VS-B450 has one LED for the system function only |
| Outputs | <ul style="list-style-type: none"> • 1 integrated front panel RS232 output, Modbus protocol • 4 slots for a maximum of 3 analog outputs (4 to 20 mA) and 1 serial output (RS485) or 4 analog outputs • 2 SPDT Relays, configurable for alarm parameters |
| External input | <ul style="list-style-type: none"> • 1 input 0/4 to 20 mA or 0/2 to 10 VDC (user selectable), use for continuous density, pressure compensation etc. |
| Dimensions | <ul style="list-style-type: none"> • 3HE 21TE x 180 mm |
| Power supply | <ul style="list-style-type: none"> • 95 ... 260 VAC, 50 ... 60 Hz, 15 Watt • Optional: 24 VDC / VAC |
| Ambient temperature | <ul style="list-style-type: none"> • 0 to 50°C |
| Housings | <ul style="list-style-type: none"> • Panel mount 144 x 144 x 218 mm, IP42 • Wall mount, IP65 • 19" rack mount, 3HE 84TE |
| Options | <ul style="list-style-type: none"> • USB interface cable |

Rheology Solutions is the sole Australian Distributor of this product. Full product information is available to download from www.rheologysolutions.com. If you have any questions or require further information please contact us. We look forward to being of further service.

Regards from the Team at Rheology Solutions.