

397 - 24770

CLUSTERLINE®: CONTROL MONITORS CSE WF/WT WATER FLOW/TEMPERATURE

8 CH - Control Monitors system, developed for CLUSTERLINE® - Evatec.

BYPASS MODE / SET POINT SETTING INTEGRATED

CSE WF/WT - 8 CH enables a small number of operators to manage processes to a high degree of AI: artificial intelligence.

The applications can range from controlling the water temperature and water flow, allowing to set a custom set point to monitor operations.



The low-profile display features a 4.3" x4, capacitive touch screen and a dual-core ARM processor running embedded Linux.

Specifications

Analog, Sig. Out:
- 1 + 5 V - Each Channel - Flow/Temp
Alarm Out:
- 1 SPDT each Channel.
Processor:
Freescale i.MX283 (454MHz, 32bit, ARM 9)

Memory: 2Gbit DDR2 SDRAM
8GB SD card
Flow Range:
- 0 + 40 l/min.
Temperature Range:
- 0 + 100 °C.

Value transfer rate:
100Mbytes/second.
USB Port x 4 load and real-time diagnostics.
Supply Power:
- 100 : 250 Volt - 1A - 50/60 Hz.

8 CH - WF/WT CONTROL MONITORS

This controller of values monitors up to 8 channels, specifically 2 for monitors with temperature control and water flow. When one value after 20 seconds will be out of range, CSE WF/WT® will report an error, temporarily blocking CLUSTERLINE®, until reset button will touched.

RESET BUTTON:

If there is an anomaly in the values a red reset button will appear, signaled by an output error sound.

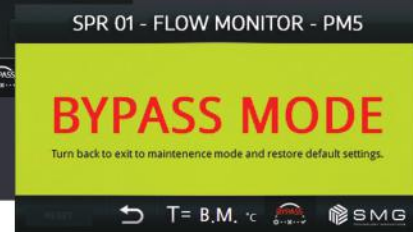
In this case it will be necessary the intervention of an operator who will acknowledge the error.

This mode was created to stand up to the common problems and needs related to CLUSTERLINE®. Work safely and access to the maintenance mode to silence the buzzer and operate without distractions.



Pic. A

To interact and access this page, touch the appropriate key and enter the default password: 9999. (A) Then touch the switch button by moving it to ON. To exit, simply tap the back button and sistem will return to the traditional control screen. (B)

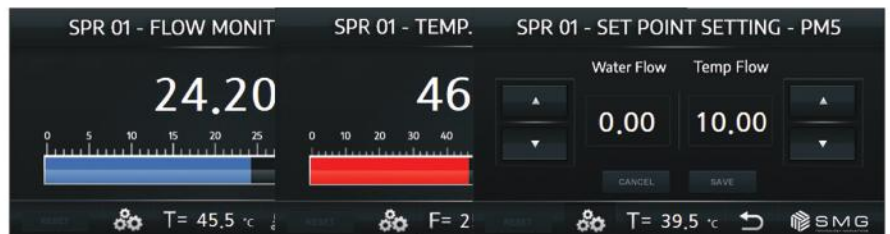


Pic. B

VARISCO & C. Srl is available for the customization, improvement, upgrading and updating of its products, to face the problems and unknowns present in the production field of the semiconductor industry.

Features and functions

- All-in-one interface for controlling water flow and temperature.
- 20 seconds of delay integrated to avoid fluctuations.
- Buzzer Speaker integrated for values out of range.
- **Reset button** integrated to stop temporarily values out of range
- Page for setting the set point range integrated:
 - Tap on "save" to make the changes made effective.
 - Tap on "cancel" to discard the changes made.
- Bypass Mode integrated, default password: 9999.
- Lower power consumption, noise and heat.



Pic. C - Clusterline Flow/Temp monitors, with setting point page (0.00 ÷ 10.00 default).

For more info don't hesitate to contact us.