

CONTROLLER FOR DA DISPENSING VALVE

The **DA** valve controller is based on a 4.3-inch operator panel / PLC, multilingual and with an immediate graphical interface. The controller allows very rapid setup and commissioning of the system up to a maximum of two valves, guaranteeing the possibility of saving different recipes, each with its own personalized dispensing parameters.

There is also a cycle counter function. The interface to PLC or production monitoring systems is simple and allows you to check or modify the parameters of the dispensing system. The control unit is also able to manage the control air of the valves both simple and double-acting, as well as the possibility of interfacing presence sensors that enable dispensing or that objectify the dosing that has taken place, rather than the product minimum level sensor.



DAV TECH SRL

Via Ravizza, 30
36075 Montecchio Maggiore (VI) - ITALY
Tel. 0039 0444 574510
Fax 0039 0444 574324

davtech@davtech.it
www.davtech.it

FIELDS OF APPLICATION:

- > Control and management of DA series pressure-time valves
- > Communication with PLC or various interfaces.

FEATURES:

- > 4.3" TFT LCD Touchscreen display
- > Multilingual interface
- > Digital I/O communication
- > Integrated control to manage external dispensing valve.
- > Settable minimum level management.
- > Management of dispensing control signals and dispensing enable by external inputs.
- > Different recipes settable.
- > Pneumatic interface that can be positioned separately from the controller.

TECHNICAL DATA:

ITEM	DA 2000 SMART (CONTROLLER)
Dimensions	140mm (W) x 140mm (H) x 150mm (D)
Weight	1Kg
Power In/Output	DC24V (max.)
Consume	10W
Operating Mode	Filling / Line
Display	4.3" LED Backlight TFT, Touch
Setting memory	10
Dispenser controlled	2
Pressure sensor	OK
External Control	OK
Input signal	OK
End dispensing signal	OK
Usage temperature	10 – 40 °C

ITEM	DA 2000 SMART (PNEUMATIC)
Dimensions	140mm (W) x 70mm (H) x 150mm (D)
Weight	0,8Kg
Dispenser controlled	2
Input I/O	M12, 8 pin M
Pressure regulator	0-7 bar
Air inlet fittings	Ø6 quick fitting, Max 7bar
Air valve control fittings	Ø4 quick fitting, Max 7bar
Usage temperature	10 – 40 °C

Functions example

Screen "Work"



Screen "Setting"



Screen "Recipes"

No.	Program name	Dispensing time	Set cycles
0	RECIPE1	0.75	0
1	RECIPE2	1.25	15
2		0.00	0
3		0.00	0
4		0.00	0
5		0.00	0