

VS230

Vibration control instrument

Simple and intuitive instrument for the control of electromagnetic vibrators in 230 V with single winding, suitable for dosing and packaging systems.

It allows you to adjust the intensity and, by selecting one of the two modes, the vibration frequency, in order to find the optimal operating condition of the vibrating channel.



The regulation of the vibration intensity takes place through the 0-10V input or, alternatively, through the 4-20mA input, while the frequency regulation takes place by selecting the 50/100 Hz or 60/120 Hz mode, depending on the power supply; there are also two Vmax and Vmin adjustment trimmers for regulating the maximum and the minimum output voltage. Eventually it is possible to program and manage the vibration parameters remotely through the RS485 serial interface, via Modbus RTU (modbus version).

The instrument has also the possibility to connect an external contact to enable or disable the operation of the vibrating channel (start/stop contact).

Should additional functionalities become necessary, it is possible to customize them in order to satisfy every need.

Certifications



Technical characteristics

Power supply:	110-230 VAC / 50-60 Hz
Output voltage:	0.110V / 0.230V
Output current:	up to 6.3A
Vibration frequencies:	50/100Hz or 60/120Hz
Nominal vibrator voltage:	10/230 VAC
Vibrator outputs:	1 (expandable)
Analog inputs:	1x 0-10V, 1x 4-20mA
Digital inputs:	1x start/stop function
Communication interfaces:	1x RS485, 1xEthernet, 2xEthernet
Item weight:	390 gr.
Item size:	52 x 173 x 78 mm
Fixing:	On panel or with DIN guide