MP ELETTRONICA
QUALITY VIBRATION CONTROL

SMART
INDUSTRIAL
DIGITAL
MCP

FQ2 N DIG

Electronic Controller for
Electromagnetic Vibrator

SIND 3

Microprocessor digital professional controller with visualized frequency and amplitude:

- Delay 20 sec max On/Off vibrator with sensor PNP or relay contact
- Automatic input 0/10V - 0/20mA
- Status relay
- 2° PNP sensor
- EV air blow
- Alarm absence pieces
- Lamp alarm.

FQ1 N DIG

Electronic Controller for
Electromagnetic Vibrator

SIND 3

Microprocessor digital professional controller with visualized frequency and amplitude:

- Delay 20 sec max On/Off vibrator with sensor PNP or relay contact
- Automatic input 0/10V- 0/20mA
- Status relay
- 2° PNP sensor
- EV air blow
- Alarm absence pieces
- Lamp alarm.

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MP ELETTRONICA
QUALITY VIBRATION CONTROL

FQ2 N DIG

GENERAL CHARACTERISTICS

- Voltage (110V) 230V, 50/60 Hz
- Input ON/OFF
- Soft/Fast ramp (0 ÷ 5 sec.)
- Digital Regulation amplitude/frequency min/max(5-140Hz)
- Digital menu
- Line input with schuko plug
- Vibrator output with connector
- Delay EV air blow (0 ÷ 2 sec.)
- Alarm absence pieces (0 ÷ 180 sec.)
- Lamp alarm (24Vcc).

APPLICATIONS

Digital regulation of linear and bowl feeder till 6 Amps - The FQ2NDIG allows optimizing operation of the vibratory feeder by searching for its resonance frequency (max performance) thereby eliminating its lengthy and difficult mechanical calibration - Qualification input for multiple electromagnetic system (linear - blow feeder - hopper).

OPTIONS

Personalized label • Connector for vibrator • SW custom.

ELECTRICAL CHARACTERISTICS

Tension of Feeding:	115V or 230V ± 5% 50/60Hz
Consumption:	2,5 W max
Current Max:	6A (RMS)
Load Min:	50 mA (RMS)
Frequency of Vibration:	5-200Hz (300Hz on request)
Time of Ramp:	0 ÷ 5 sec.
Regulation Min./Max:	50V/200V
Automatic input:	0/10V - 0/20 mA
Sensor:	PNP 0/20 sec.
Delay voltage EV air blow:	0/5 sec.
Delay alarm absence pieces:	10/180 sec.
On/Off:	free contact - signal voltage
Degree of Protection:	IP55 in box
Temperature of Operation:	–5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)

AVAILABLE VERSIONS

Code	Box	Dimension
PV FQ2DI Z2 STD	Metallic	100 x 180 x 190
PV SIND3 A2 STD (Sensor SIND3)	Aluminium	45 x 43 x 19

FQ1 N DIG

GENERAL CHARACTERISTICS

- Voltage (110V) 230V, 50/60 Hz
- Input ON/OFF • Soft/Fast ramp (0 ÷ 5 sec.)
- Digital Regulation amplitude/frequency min/max(5-140Hz)
- Digital menu
- Line input with schuko plug
- Vibrator output with connector
- Delay EV air blow (0 ÷ 2 sec.)
- Alarm absence pieces (0 ÷ 180 sec.)
- Lamp alarm (24Vcc).

APPLICATIONS

Digital regulation of linear and bowl feeder till 10/12/15 Amps - The FQ1NDIG allows optimizing operation of the vibratory feeder by searching for its resonance frequency (max performance) thereby eliminating its lengthy and difficult mechanical calibration - Qualification input for multiple electromagnetic system (linear - blow feeder - hopper).

OPTIONS

Personalized label • Connector for vibrator • SW custom.

ELECTRICAL CHARACTERISTICS

Tension of Feeding:	115V or 230V ± 5% 50/60Hz
Consumption:	2,5 W max
Current Max:	10A - 12A - 15A (RMS)
Load Min:	50 mA (RMS)
Frequency of Vibration:	5-200Hz (300Hz on request)
Time of Ramp:	0 ÷ 5 sec.
Regulation Min./Max:	50V/200V
Automatic input:	0/10V - 0/20 mA
Sensor:	PNP 0/20 sec.
Delay voltage EV air blow:	0/5 sec.
Delay alarm absence pieces:	10/180 sec.
On/Off:	free contact - signal voltage
Degree of Protection:	IP55 in box
Temperature of Operation:	–5°C / +55°C
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)

AVAILABLE VERSIONS

Code	Box	Dimension
PV FQDIG Z2 STD	Metallic	100 x 180 x 190
PV SIND3 A2 STD (Sensor SIND3)	Aluminium	45 x 43 x 19

MADE IN ITALY