

Electronic Controller for Electromagnetic Vibrator

▶ **MCP12** **Amp. 6/8/6** **115V 230V** **IP 55**

**NEW**



**METALLIC BOX MCP12**  
PV MCP12 Z2 STD  
130x180x190

**General**

This Module can be used for the automatic driving of a system made up by a vibratory hopper, cylindrical vibratory feeder, linear vibratory feeder or conveyor belt with 2 PNP sensor, output blow air, alarm time out.

**General Characteristics**

Voltage (110V) 230V, 50/60 Hz • Input ON/OFF • Soft/Fast ramp (0 ÷ 5 sec.) • Digital Regulation amplitude min/max • 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**

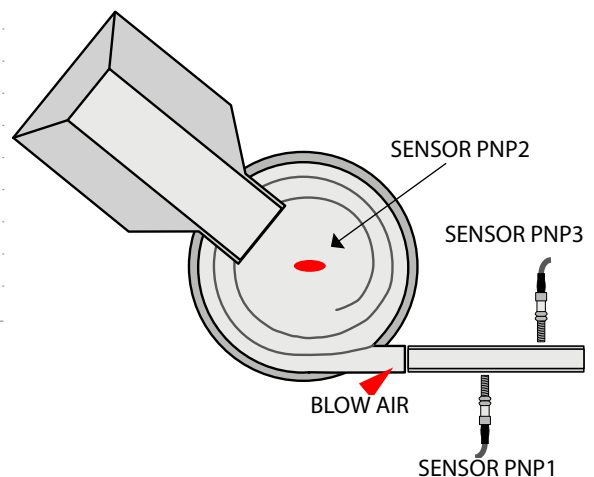
Control circuit for vibratory Hopper, cylindrical vibratory feeder, Linear vibratory feeder with level sensor **NPN/PNP** in the Cylindrical vibratory feeder and overflow sensor **NPN/PNP** on the Linear vibratory feeder (both timed).

**Options**

Personalized label • Connector for vibrator • SW custom.

**Electrical Characteristics**

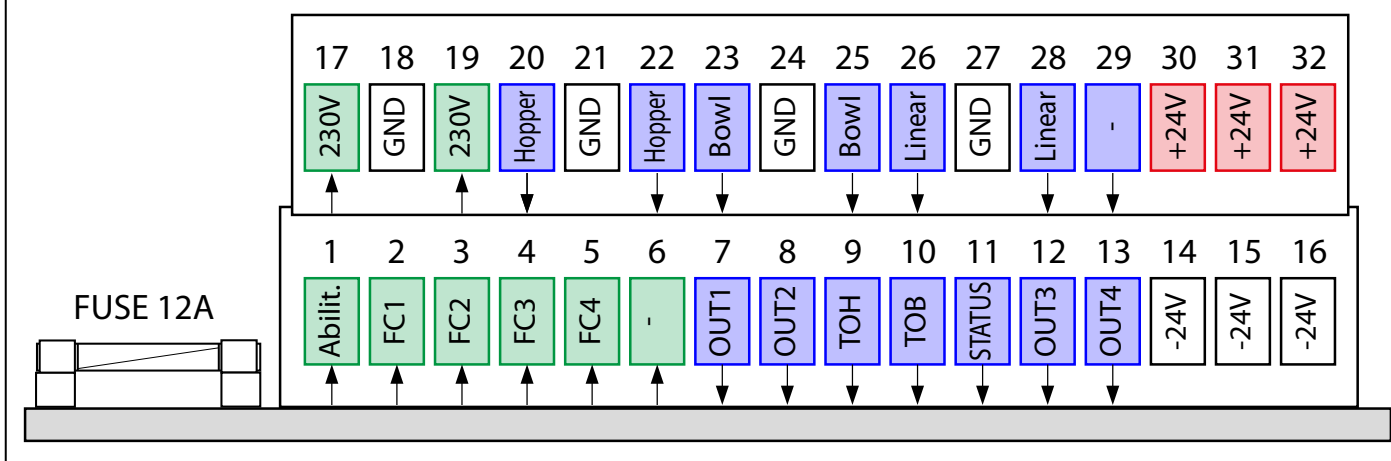
Supply Voltage:	230V +/- 5% 50/60Hz
Current Max:	6A - 8A - 6A (RMS)
Fuses:	6,3A F 250V 5x20 H 1500 A (EN 627-2 CEI)
Min. Load:	50 mA (RMS)
Frequency of Vibration:	3000/6000 V/min. (50Hz)
Time of Ramp:	0,2 sec. or 2 sec. (modifiable)
Regolation Min.:	80V +/- 30%
Regolation Max:	200V - 30%
Delay T1/T2:	0-10 sec.
Alarm Time:	0-15 sec.
Sensor Input:	optoisolated NPN/PNP
Degree of pollution:	2
Position of Assemblage:	horizontal or vertical
Degree of Protection:	IP54 in box (only circuit IP00)
Temperature of Storage:	-15 °C / + 80 °C
Temperature of Operation:	-5 °C / + 45 °C
Range of Relative humidity:	80% till to 31°C
Installation Class:	II
Altitude:	till to 2000 meters
European Norms:	EMC CE
Guarantee:	1 year (from date on circuit)



**Available Versions**

Type	Box	Colour	Dimensions	Code	Price €
MCP12 MP • SP05 - 74	Metallico	GREY	130 x 180 x 190	PV MCP12 Z2 S03	

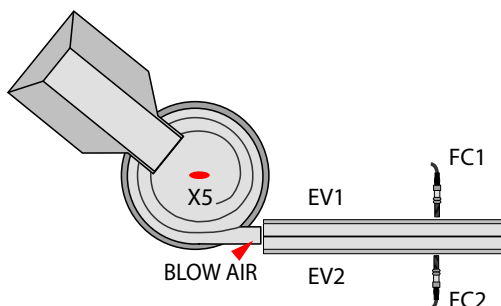
MORSETTIERA MR1-MR2



1	Enable	17	230V	} LINE
2	FC1 - Sensor 1	18	GND	
3	FC2 - Sensor 2	19	230V	
4	FC3 - Sensor 3	20	Hopper	} Hopper
5	FC4 - opzionale	21	GND	
6	Input 6	22	Hopper	
7	Out 1 - Air-Jet	23	Bowl feeder	
8	Out 2 - Present signal	24	GND	
9	TOH - Time Out Hopper	25	Bowl feeder	
10	TOB - Time Out Bowl Feeder	26	Linear	} Linear
11	Status +24V	27	GND	
12	Out 3 - opzionale	28	Linear	
13	Out 4 - opzionale	29	Output 8 - opzionale	
14	-24V	30	+24V	
15	-24V	31	+24V	
16	-24V	32	+24V	

MDL/MCP

Menù : ALT MODE>YES (Function with Blow Feeder - Linear Twin Track)



FC1	FC2	EV1	EV2	X5
0	0	0	0	1
1	0	1	0	1
0	1	0	1	1
1	1	1	1	0