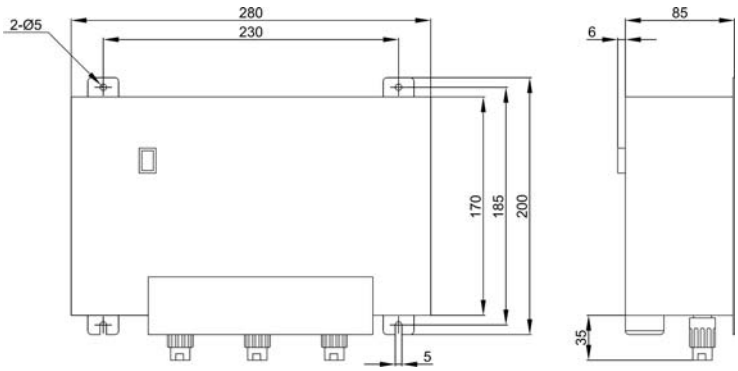
C9-4DM Controller

C9-4DM Controller Dimensions



Features

- **Energy-saving auto-tuning**
  Auto-tuning keeps parts feeder vibration frequency tracked to resonance point, reducing power consumption.
- **Electronic control gives optimal vibration**
  Electronic control of horizontal/vertical amplitudes and phase difference provides ideal vibration characteristics for any type of workpiece.

Specifications

Model			LFG-400	LFG-550	LFG-700
Rated voltage			200		
Rated current			0.08A	0.15A	0.2A
Vibration frequency			80 ~ 110Hz	75 ~ 100Hz	65 ~ 90Hz
Drive unit weight			4.3kg	8.5kg	14.0kg
Leaf-spring angle			15°		
Max. amplitude			0.65mm	0.75mm	0.9mm
Compatible controller	AC200V	Single	C8-05VF		
		Twin	C9-3VFT-2		
	AC100V	Single	C8-05VF+C8-TR		
		Twin	C9-3VFT-1		

Specifications

Model		C9-4DM
Input Power		AC200/220V ± 10%, 50/60 Hz
Output	Control system	PWM system
	Voltage	0 ~ 190V
	Vibration frequency	60 ~ 120Hz
	Max. current	horizontal: 4A vertical: 2A
Additional features	Auto resonance-point-tuning control	Automatic tuning to horizontal resonance point. Accuracy: resonant frequency ±0.3%
	Constant phase difference control	Horizontal/vertical amplitude phase difference kept constant
	Constant amplitude control	Horizontal/vertical amplitudes kept constant
	Display function	Shows output frequency, horizontal/vertical amplitudes, phase difference
	Setting function	For setting horizontal/vertical amplitudes and phase difference
	Speed selection	Choice of 4 pre-set speeds by external signal
	Start/Stop control	Stops and starts by external signal
	Output signal	Outputs signal tuned to unit operation
	Soft start	Start-up time 0.2 - 4.0 seconds
	On/Off delay timer	Delay time 0.2 - 4.0 seconds
	Sensor power source	3P power plug gives DC12V, max. 80A
Synchronized power source	Function	Power source synchronized to parts feeder operation (RUN)
	Control system	On/Off control through Triac
	Output voltage	As power source input to controller
	Maximum current	2A
Other	Noise resistant voltage	Above 1,000V
	Ambient temperature range	0 ~ 40°C
	Ambient humidity range	10~90% (no condensation)
	Color of case	Gray (Japan Paint Industry Association S2-1006)
	Outer dimensions	280W x 200H x 90D mm (excl. plug)
	Weight	2.4kg

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