

Product info *osc200*



Oscillator module with PLC-Interface

for basic position control applications

Ramping Generator:

Pulse and Direction for stepper motors
+/- 10V for AC, DC-Servo motors

Oscillator function:

+/-10V -> Pulse and Direction

- 6 control inputs 24V/10mA, optical isolated condition display via LED's
- 2 control outputs 24V/Ri=220Ω, optical isolated condition display via LED's
- only one power supply necessary 21...80 Volt
- all adjustments via multiturn potentiometers
- all connectors in robust removable technique

- Ramping Generator:

Adjustment:

Minimum-, Maximum-Frequency (stepper motors)
Control voltage Min/Max (AC, DC-Servo)
Rampe acceleration

Inputs:

ramp up (start), ramp down, stop
fast / slow, left, right

Outputs:

Min. velocity, max. velocity reached

- Oscillator function:

Adjustment:

Pulse frequency pro Volt

Inputs:

+/-10V, limit switch left/ right

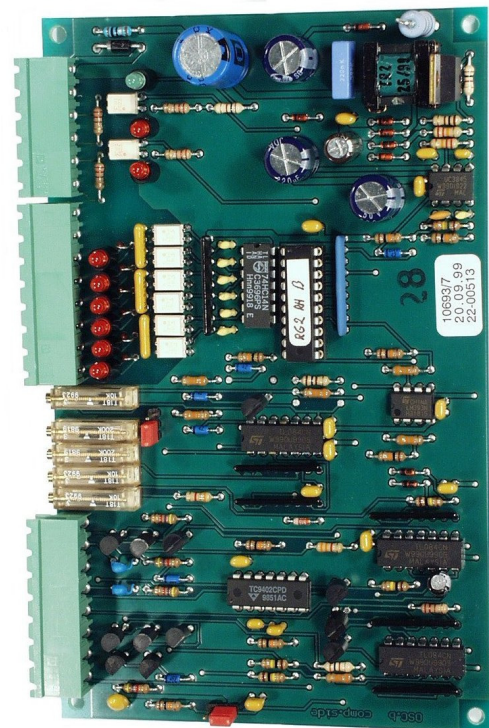
Outputs:

Pulse, Direction
no pulse, when motion onto limit switch

Variants, Order code:

osc200.x00xx00

.x-----	0/1	5V / 24V signal interface
---x---	0/1	only PCB / with DIN-Rail module
----x--	0/1	Ramping generator / Oscillator



The oscillator module can be used all over there where simplest motion control applications must be done at very low prices.

The control signals are useable for 24V, so it is possible to realize motion applications with low cost PLC-devices. To handle the several control functions, there are 6 Inputs and 2 Outputs (24V) available. The interface to the power drives are Pulse and Direction for stepper motor power drives and also +/-10V for Servo-amplifiers.

As a standard there are the two primary operating functions like „Ramping-generator“ and „Oscillator function“. In general, the oscillator module will be offered in open frame version only as PCB or included in a DIN-rail housing.