



Stepper motor drivers SMD-1.6 mini, SMD-2.8 mini

Stepper motor drivers SMD-1.6 mini and SMD-2.8 mini are designed to operate with two- or four-phase hybrid stepper motor with phase current up to 1,6Amp for SMD-1.6 mini and 2,8Amp for SMD-2.8 mini. Drivers provide high accuracy, speed and low vibration.

Application area: analytical instrument, measuring equipment, medical equipment.

Technical characteristic:

- Voltage – 12 - 30 VDC
- Maximum output phase current – 1,6Amp for SMD-1.6 mini and 2,8Amp for SMD-2.8 mini
- Microstepping modes – 1, 1/2, 1/4, 1/8, 1/16

SMD-1.6 mini and SMD-2.8 mini drivers control speed, direction and position of stepper motor by processing logic signals: STEP (pulse), DIRECTION (level) and ENABLE (level).

Drivers use external devices as logic signals source, for example, frequency generator, PLC, computer with LPT-port and others. SMD-1.6 mini, SMD-2.8 mini can operate with stepper motors with torque from 0,18kgf-cm up to 13kgf-cm.

Drivers provide automatic reduction of holding current (this function is activated by user).

Oscillograms of control signals

