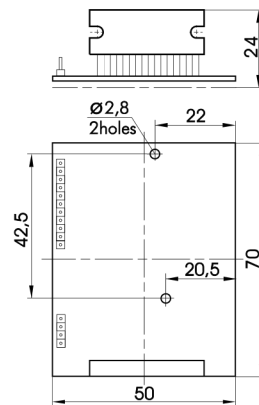
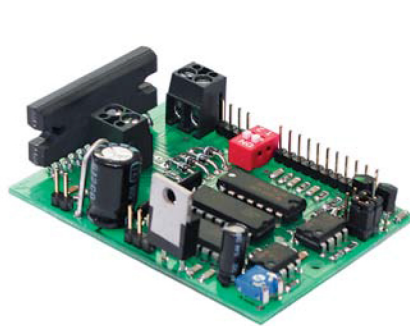


980-0050

STEPPER MOTOR CONTROLLERS
WITH MANUAL CONTROL

- Resolution: full step, 1/2, 1/4, 1/8 – selectable by DIP switches
- Version with speed from 300 to 600 steps/s – tunable by trimmer
- LED indicators of status
- PWM chopper type current control (up to 0.25 A per phase)
- RoHS compliant



SPECIFICATIONS

Electrical

- Targeted for bipolar, two phase stepper motors with current ratings of 0.25 A. Current limit value setting is done during controller manufacturing
- Power supply voltage 12 V (nominal)

Motion

- Resolution: full step, 1/2, 1/4, 1/8
- Speed: 300-600 steps/s

Control

- “Front panel” manual controls
- Capable of connecting two limit switches for every axis

Mechanical

- Operating temperature range: 0 to 70°C
- Box size for 1-axis controller (B1): 80 x 130 x 65 mm
- Box size for 2 and more axis controller (B2): 90 x 200 x 60 mm



980-0151



980-0253

Ordering of 980-0050 series circuit card assemblies (CCA)

It is possible to order circuit card assemblies of the 980-0050 series controllers building custom systems. The current limit values are initially set by the manufacturer, but can be user adjustable.

Warranty and support options for CCA version may vary.

ORDERING INFORMATION

Code	Description	Price, EUR
980-0050	Circuit card assembly (CCA)	80
980-0151	1 axis Controller (0.25 A max motor current setting)	97
980-0252	2 axes Controller (0.25 A max motor current setting)	171

POWER SUPPLY

See page 8.186



PSA18U-120

A 12V, 1.5A power supply is required to operate the controller. You can use your own power supply or the following power supplies:

model **PSA18U-120** (12 V; 1.5 A)

model **PSC30U-120V** (12 V; 2.5 A).