

2035XD

DC Dual-Axis Full/Half/Microstep Drive



Product Features

- *Dual-axis control*
- *Step & direction*
- *Oscillator (velocity)*
- *Microstepping*
- *Idle current reduction*
- *Optically isolated inputs*



Description

The 2035XD step motor driver is a two axis, software configured step/direction or oscillator drive. Drives can be quickly and precisely configured using our eXposition™ software and a Windows PC.

When configured for pulse/direction mode, the two drives can be commanded by the step and direction signals available from many PLCs and step motor indexers.

In oscillator mode, the two drives generate their own acceleration and deceleration profiles and are commanded by digital run/stop signals. These signals can be supplied by PLCs, mechanical switches, single board computers or other motion control devices. Speeds may be fixed or can be set "on the fly" by 0 to 5 volt analog signals.

Specifications

Model Number	2035XD
Part Number	1000-256
Supply Voltage	12-35 VDC
Supply Voltage Type	DC
Control Modes	<ul style="list-style-type: none">• Step & Direction• Velocity (Oscillator)
Output Current	0.1-2.0 A/phase
Communication Ports	<ul style="list-style-type: none">• RS-232
Encoder Feedback	No
Step Resolution	<ul style="list-style-type: none">• Full• Half• Microstepping
Idle Current Reduction	50-97%
Setup Method	Software setup
Digital Inputs	4
Digital Outputs	1
Analog Inputs	2
Dimensions	4.0 x 3.0 x 1.5 inches
Weight	NA
Operating Temperature Range	0-70 °C
Ambient Temperature Range	0-50 °C
Ambient Humidity	90% max, non-condensing
Status LEDs	1 red (power)
Circuit Protection	NA

Software

Software Downloads	<ul style="list-style-type: none">• eXposition™
Sample Code	There are no sample code documents at this time.

Mechanical Outline

