



Unidrive M400 Advanced capability

Fast set-up and diagnostics with real-text display, integrated PLC and extra I/O

0.25 kW - 132 kW (0.33 hp - 175 hp)
100 V | 200 V | 400 V | 575 V | 690 V



When it comes to flexibility, Unidrive M400 is an athlete.

The removable keypad with a real text display makes it ideal for users who require extra diagnostic help when setting parameters. Add in an impressive I/O count, dual Safe Torque Off (STO) and an integrated PLC, all of which contribute to making the M400 an extremely capable drive.

The on-board interface ports give you even more options. Allowing you to include fieldbus, I/O, parameter backup, and communication options.



CONTROL TECHNIQUES™

Nidec
All for dreams

Unidrive M400

Safety onboard

Unidrive M400 provides a cost effective approach to safety. It features a dual Safe Torque Off (STO) input, certified to SIL3/PLe safety rating and compliant with EN/IEC 61800-5-2.

Flexible connectivity

Connect with common fieldbus networks using the modular 'SI' interface port. By adding an option module, the drive can communicate with Ethernet, EtherCAT, PROFINET, PROFIBUS, CANopen and DeviceNet. The AI-485 Adaptor can also connect to RS485 networks using Modbus RTU.

Increase your productivity

To get the most out of your drives, we've developed the Unidrive M Connect tool. It's designed to aid productivity when commissioning, optimizing and monitoring drive/system performance.

More control. No extra cost

If you're using an external PLC in your machinery, you'll know that extra functionality comes at a price. Our integrated PLC is included at no extra cost.

Easy to setup

Setting up the drive is easy by following the step by step guide that comes in the box.

Save even more time by transferring settings before you install the drive. All you need is our AI-485 24V adaptor, AI-Backup adaptor or AI-Smart adaptor and a 24V power supply.

Safe Dual STO	Flexible Connects to over 7 common protocols	Robust 180% (30s) / 150% (60s) overload
Made to last up to 5 years extended warranty	Extended I/O Analog output: 2 Digital input: 2 Bidirectional I/O: 2	Online support 1-Click www.drive-setup.com

A reliable workhorse

Our drives keep your machines running, even in the toughest environments. That means working to international standards IEC60068-2-60 to levels defined by IEC721-3-3 2C3.

Technology you can trust

By the time they're shipped, we'll have tested our drives up to forty times, giving you the confidence to fit our drives without the worry of premature failure.

Discover more at: www.UnidriveM.com

Drive specifications

Open loop vector or V/Hz	✓
Open loop rotor flux control (RFC-A)	✓
Analogue Inputs / Outputs	2/2
Digital Inputs / Outputs / Bidirectional I/O	5/0/2
Relay Output	1
Safe Torque Off	2
Onboard PLC	✓
RS485 comms Modbus RTU	✓
Cloning via SD card	✓