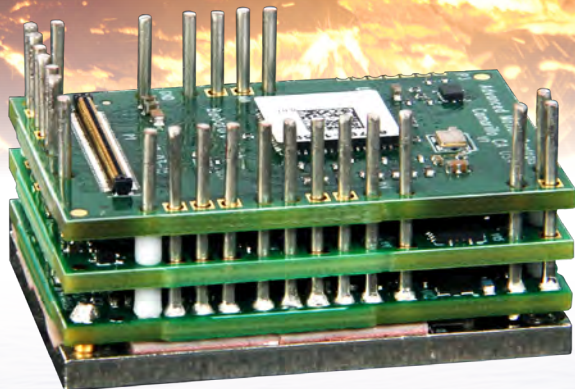


ADVANCED MOTION CONTROLS



FlexPro™

**EXTENDED
ENVIRONMENT**

-40 TO +95°C AMBIENT OPERATING RANGE

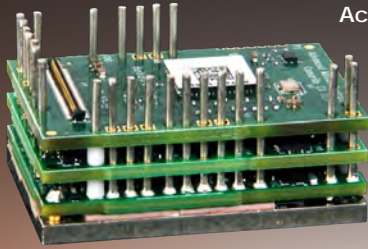
25 GRMS VIBRATION

-400M TO +25000M OPERATING ALTITUDE

Our goal with FlexPro™ was to create a next-generation family of servo drive that was more versatile than ever before. Now, its utility continues to expand with our Extended Environment FlexPro™ drives.

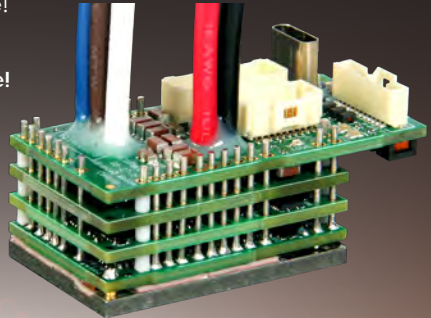
Since 2008, ADVANCED Motion Controls has offered a range of Extended Environment servo drives that can operate in extreme conditions where many other electronics would fail.

You can now take advantage of FlexPro's intelligence, compact form, and power density in harsh conditions, such as the scorching desert, the edges of space, or crammed into an all-terrain mobile robot. The possibilities are infinite!



PCB Mount

Actual Size!



Machine Embedded

Specifications

| | FXx060-25-EM* | FXx060-10-EM* | FXx060-5-EM* |
|---------------------------|---------------|--|--------------|
| Input Voltage | | 10 - 55 VDC | |
| Peak Output Current | 50 A | 20 A | 10 A |
| Continuous Output Current | 25 Arms | 10 Arms | 5 Arms |
| Network Communication | | EtherCAT | |
| Feedback Supported | | BISS C-Mode, Incremental Encoder | |
| Ambient Op. Temp Range | | -40°C to +95°C (-40°F to +203°F) | |
| Thermal Shock | | -40°C to +95°C (-40°F to +203°F) within 3 min. | |
| Relative Humidity | | 0 - 95% non condensing | |
| Vibration | | 25 Grms for 5 min. in 3 axes | |
| Operating Altitude | | -400m to +25000m | |
| Contaminants | | Pollution Degree 2 | |

* Where x indicates versions available:

FXE060... (PCB Mount)

FXM060... (Machine Embedded)

Designed to accomodate...

MIL-STD-810F

MIL-STD-1275D

MIL-STD-461E

MIL-STD-704F

MIL-HDBK-217

Ideal for..

Mobile Robotics

Harsh Environments

Space Applications

Extreme Temperature Ambients

ADVANCED
MOTION CONTROLS
Everything's Possible.



ELECTROMATE

Robotic and Mechatronic Solutions

www.electromate.com

sales@electromate.com

877.737.8698