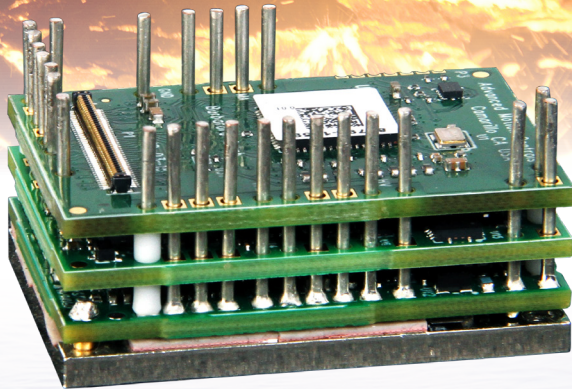


# **ADVANCED** MOTION CONTROLS



**FlexPro™**

**EXTENDED  
ENVIRONMENT**

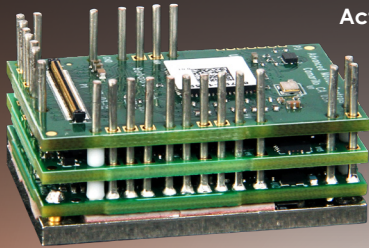
**-40 TO +95°C AMBIENT OPERATING RANGE**

**25 GRMS VIBRATION**

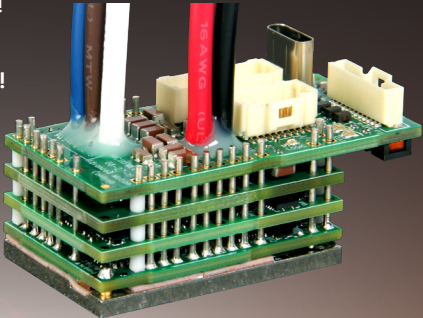
**-400M TO +25000M OPERATING ALTITUDE**

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



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