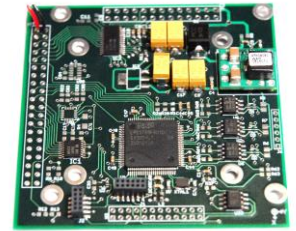




MAI-400

Electromagnet Assembly

The MAI-400 electromagnet assembly is offered in three different models, each with its own set of unique capabilities suited for specific mission requirements. An optional electromagnet driver PCB board is provided that can drive a set of three electromagnets.



Specifications - Electromagnets

Performance Item	Unit	A	B	C
Dipole Moment	Am ²	0.15	0.6	0.3
Operating Temperature	deg C	-40 to 85	-40 to 85	-40 to 85
Weight	g	18	57	55
Dimensions	in	1.32 x 0.58 x 0.45	2.64 x 0.71 x 0.52	1.80 x 0.80 x 0.80
DC Voltage	V	5	5	5
Current	A	0.09	0.11	0.10

Specifications – Driver Board

Performance Item	Unit	Specification
Dimensions	In	2.75 x 2.75 x 0.45 (max height)
Operating Temperature	deg C	-40 to 85
Weight	g	24
Interface		I2C, RS232
DC Voltage	V	5
Current	A	0.03

