

Letter of Volatility for eRob Rotary Actuators

ZeroErr Control Co., Ltd. (“ZeroErr”) declares that the eRob rotary actuators have memory devices as shown in the table below. The non-volatile memory that may contain user settings and data may be cleared as indicated:

Volatile Memory

Type	Model	Size	User-Accessible/Definable	Purpose	Method of Clearing
RAM (On-Chip)	ALL	204KB	No	Program, Data	Remove Power

Non-Volatile Memory

Type	Model	Size	User-Accessible/Definable	Purpose	Method of Clearing
Flash (On-Chip)	ALL	512 KB	No	Program Memory	None
Flash (External)	ALL	8 Mbit	Yes	Program, User Data	User configuration can be reset to defaults using GUI
EEPROM (External)	eRobxxxxxxxx-xx-18Ex	8K x 8bit	Yes	EtherCAT Configuration, Startup Data	Erase or Reprogram using ESC Tools
EEPROM (External)	ALL	256 x 8bit	Yes	Factory Data, User Safety Configuration	User configuration can be reset to defaults using GUI
EEPROM (External)	ALL	256 x 8bit	No	Encoder Calibration, Configuration	None
EEPROM (External)	ALL	256 x 8bit	No	Encoder Calibration, Configuration	None

Removable Media

Type	Model	Size	User-Accessible/Definable	Purpose	Method of Clearing
N/A	N/A	N/A	N/A	N/A	N/A