

ION 500 Commands

Required for use with brushless motors
in the RSS-NIR system

SetCommutationMode	GetEventAction	SetSerialPortMode
GetCommutationMode	SetMotionCompleteMode	GetSerialPortMode
SetPhaseCorrectionMode	GetMotionCompleteMode	GetVersion
GetPhaseCorrectionMode	SetSettleTime	NoOperation
SetPhaseCounts	GetSettleTime	
GetPhaseCounts	SetSettleWindow	
SetPhaseInitializeMode	GetSettleWindow	
GetPhaseInitializeMode	SetTrackingWindow	
SetPhaseInitializeTime	GetTrackingWindow	
GetPhaseInitializeTime	SetAcceleration	
SetPhaseOffset	GetAcceleration	
GetPhaseOffset	SetDeceleration	
InitializePhase	GetDeceleration	
SetCurrentControlMode	GetCommandedPosition	
GetCurrentControlMode	SetJerk	
SetFOC	GetJerk	
GetFOC	SetPosition	
ClearPositionError	GetPosition	
GetPositionError	SetProfileMode	
SetPositionLoop	GetProfileMode	
GetPositionLoop	SetStopMode	
SetPositionErrorLimit	GetStopMode	
GetPositionErrorLimit	SetVelocity	
SetActualPosition	GetVelocity	
GetActualPosition	SetBusVoltageLimits	
SetEncoderSource	GetBusVoltageLimits	
GetEncoderSource	SetOvertemperatureLimit	
GetActiveMotorCommand	GetOvertemperatureLimit	
SetMotorCommand	SetFaultOutMask	
GetMotorCommand	GetFaultOutMask	
SetPWMFrequency	GetDriveFaultStatus	
GetPWMFrequency	ClearDriveFaultStatus	
SetCurrentFoldback	GetActivityStatus	
GetCurrentFoldback	GetDriveStatus	
SetMotorLimit	SetAxisOutMask	
GetMotorLimit	GetAxisOutMask	
SetMotorBias	GetEventStatus	
GetMotorBias	GetSignalStatus	
SetOperatingMode	SetSignalSense	
GetOperatingMode	GetSignalSense	
GetActiveOperatingMode	ResetEventStatus	
SetEventAction	GetInstructionError	