MECHATROLINK Master product connectivity data sheet   (Year)2011 /(Month)4 /(Day) 18

Name of Company	
Model	
Product type	
Version	

1.Supported Specification: Check the supported specification.

:Mandatory spec	:One of specifications are supported.	:Optional spec

				Category 3	Category 2	Category 1
Communication specification	Protcol	MECHATROLINK-I	17byte			X
		MECHATROLINK-II	17byte	■	■	X
			32byte	■	■	X
	Transmission Cycle	MECHATROLINK-I	2ms			X
		MECHATROLINK-II	1ms	■	■	
			2ms	■	■	■
			Other supported transmission cycles			X
Supported slave device		Servo driver		■	■	■
		Stepping motor driver		■	■	X
		Intelligent I/O		■	■	
		Simple I/O		■	■	
		Inverter		■		
Communication type		Synchronous		■		
		Asynchronous		■		X

2.Supported commands: Check the supported command.

Command Group	Command	Supported	Command Group	Command	Supported	Command Group	Command	Supported
Common	NOP	X	Simple I/O	MDS		Inverter	INV_CTL	
	PRM_RD	X		CDRW			INV_I/O	
	PRM_WR	X	Intelligent I/O	DATA_RWA				
	ID_RD	X		DATA_RWS				
	CONFIG	X	Servo/ stepping	SMON	X			
	ALM_RD	X		SV_ON	X			
	ALM_CLR	X		SV_OFF	X			
	SYNC_SET			INTERPOLATE				
	CONNECT	X		POSING	X			
	DISCONNECT	X		FEED	X			
	PPRM_RD	X		LATCH				
	PPRM_WR	X		EX_POSING	X			
	POS_SET	X		ZRET	X			
	BRK_ON	X		VELCTRL	X			
	BRK_OFF	X		TRQCTRL	X			
	SENS_ON	X		ADJ	X			
	SENS_OFF	X		LTMOD_ON	X			
	HOLD	X		LTMOD_OFF	X			

3.Supported Slave devices list (However, it does not guarantee operation of the indicated slave device.)

No.	Name of Company	Product type	Connection conditions	Note
1	YASKAWA Electric Corporation	Σ - III Series Servo	Max. 7 Station	
2	YASKAWA Electric Corporation	Σ - II Series Servo	Max. 7 Station	
3	YASKAWA Electric Corporation	Σ - V Series Servo	Max. 7 Station	

3.Supported Slave devices list (However, it does not guarantee operation of the indicated slave device.)

No.	Name of Company	Product type	Connection conditions	Note
		2/2		