

MECHATROLINK Master product connectivity data sheet (Year) 2008 /(Month) 2 /(Day) 13

Name of Company	Yaskawa Electric Corporation
Model	MP2100,MP2300
Product type	JAPMC-MC2100,JEPMC-MP2300
Version	2.63

1.Supported Specification: Check the supported specification.

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

				Category 3	Category 2	Category 1
Communication specification	Protocol	MECHATROLINK-I	17byte	X		
		MECHATROLINK-II	17byte	X		
			32byte	X		
	Transmission Cycle	MECHATROLINK-I	2ms	X		
			1ms	X		
		MECHATROLINK-II	2ms	X		
			Other supported transmission cycles	1.5ms		
Supported slave device	Servo driver					
	Stepping motor driver			X		
	Intelligent I/O			X		
	Simple I/O			X		
	Inverter			X		
Communication type	Synchronous			X		
	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	X	Inverter	INV_CTL	X
	PRM_RD	X		CDRW	X		INV_I/O	X
	PRM_WR	X		Intelligent I/O	DATA_RWA	X		
	ID_RD	X	DATA_RWS					
	CONFIG	X	SMON		X			
	ALM_RD	X	SV_ON		X			
	ALM_CLR	X	SV_OFF		X			
	SYNC_SET	X	INTERPOLATE		X			
	CONNECT	X	POSING		X			
	DISCONNECT	X	FEED		X			
	PPRM_RD		Servo/stepping		LATCH	X		
	PPRM_WR	X			EX_POSING	X		
	POS_SET	X			ZRET	X		
	BRK_ON				VELCTRL	X		
	BRK_OFF				TROCTRL	X		
	SENS_ON	X			ADJ	X		
	SENS_OFF				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 SGDS		
2	YASKAWA Electric Corporation	JUSP-NS115 TYPE		
3	YASKAWA Electric Corporation	Σ-V		
4	YASKAWA Electric Corporation	Varispeed F7		
5	YASKAWA Electric Corporation	Varispeed G7		
6	YASKAWA Electric Corporation	VS mini V7		
7	YASKAWA Electric Corporation	JEPMC-IO2310		

