

ORDERING INFORMATION

Model : M2XPA3

PLEASE FILL IN THIS SECTION



Model _____

Company _____

Name _____

P/O No. _____

FACTORY USE ONLY



Job No. _____ Approved by: (Sales office) _____

Ser No. _____ - _____

Sales _____ Issued by: (Sales office) _____

Fill in blank sections or mark with if necessary.

■ PULSE INPUT, SPECIFIC TO EACH INPUT TYPE

Choose among B and G, and mark with . (For A1, A2 and J, selectable parameter is not available.)

B : Voltage Pulse

PARAMETER	SET VALUE	STANDARD	COMMENTS
PULSE SENSING	<input type="checkbox"/> Capacitor coupled <input type="checkbox"/> DC coupled	DC coupled	Specify Capacitor or DC.
PULSE AMPLITUDE *1	V p-p	MUST BE SPECIFIED	These values are required to accurately understand the input waveform. Refer to the table 1 for available pulse amplitude range. *1. Definitions with an example of sine waveforms.
DC OFFSET *1	V	MUST BE SPECIFIED	
DETECTING LEVEL	----	2V	The factory determines the appropriate level according to the specified pulse sensing method, pulse amplitude and DC offset values.
NOISE FILTER	----	None	We configure noise filter upon input frequency specified by user.

[Table 1]

PULSE AMPLITUDE RANGE	MAX. VOLTAGE AT INPUT TERMINALS
50 – 100 Vp-p	100 V *2
25 – 50 Vp-p	50 V
10 – 25 Vp-p	25 V
5 – 10 Vp-p	10 V
1 – 5 Vp-p	5 V
0.5 – 1 Vp-p	1 V
0.1 – 0.5 Vp-p*3	0.5 V

*2. Limited to ≤ 70V for CE conformance or UL approval.

*3. Input frequency ≤ 50kHz.

G : Two-wire Current Pulse

PARAMETER	SET VALUE	STANDARD	COMMENTS
PULSE SENSING	<input type="checkbox"/> Capacitor coupled <input type="checkbox"/> DC coupled	DC coupled	Specify Capacitor or DC.
PULSE AMPLITUDE	mA p-p	MUST BE SPECIFIED	These values are required to accurately understand the input waveform. DC offset value is usually set as the detecting level.
DC OFFSET	mA	MUST BE SPECIFIED	
DETECTING LEVEL	----	----	The factory determines the appropriate level according to the specified pulse sensing method, pulse amplitude and DC offset values.
NOISE FILTER	----	None	We configure noise filter upon input frequency specified by user.

■ OTHER SETTINGS

PARAMETER	SET VALUE	STANDARD	COMMENTS															
LOW-END CUTOUT	%	0%	Specify between 0.00 and 115.00%. 0% = No cutout. Hysteresis = 1%															
MOVING AVERAGE	1 Samples	1	Specify how many samples should be used to calculate the moving average. Selectable range depends upon the input frequency range. Used number of data for moving average is (setting value) x (coefficient). <table border="1" data-bbox="715 342 1278 521"> <thead> <tr> <th>INPUT FREQUENCY RANGE</th> <th>SETTABLE RANGE</th> <th>COEFFICIENT</th> </tr> </thead> <tbody> <tr> <td>0 to ≤ 100 HZ</td> <td>1 to 255</td> <td>1</td> </tr> <tr> <td>0 to 1 kHz</td> <td>1 to 25</td> <td>10</td> </tr> <tr> <td>0 to 10 kHz</td> <td>1 to 2</td> <td>100</td> </tr> <tr> <td>0 to 200 kHz</td> <td>1</td> <td>250</td> </tr> </tbody> </table>	INPUT FREQUENCY RANGE	SETTABLE RANGE	COEFFICIENT	0 to ≤ 100 HZ	1 to 255	1	0 to 1 kHz	1 to 25	10	0 to 10 kHz	1 to 2	100	0 to 200 kHz	1	250
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