

ORDERING INFORMATION

Model : MXAP

PLEASE FILL IN THIS SECTION



Model
Company
Name
P/O No.

FACTORY USE ONLY



Job No.	Approved by (Sales office)
Ser No.	Issued by (Sales office)
Sales	Approved by (Factory)
	Set by (Factory)

Specify the items you want to change. Default setting will be used if not specified.

DEFAULT shows values in case of nothing specified.

SOFTWARE SETTING

ITEM	DATA	CONTENTS	DEFAULT VALUE	SPECIFY YOUR PREFERENCE	Factory Internal check
05	0 – 13	Output frequency range 0 : 0 – 10 kHz (selectable range 0.00 – 20.00 kHz) Minimum increments 0.01 kHz 1 : 0 – 1 kHz (selectable range 0.000 – 2.000 kHz) Minimum increments 0.001 kHz 2 : 0 – 100 Hz (selectable range 0.0 – 200.0 Hz) Minimum increments 0.1 Hz 3 : 0 – 10 Hz (selectable range 0.00 – 20.00 Hz) Minimum increments 0.01 Hz 4 : 0 – 1 Hz (selectable range 0.000 – 2.000 Hz) Minimum increments 0.001 Hz 5 : 0 – 100 mHz (selectable range 0.0 – 200.0 mHz) Minimum increments 0.1 mHz 6 : 0 – 10 mHz (selectable range 0.00 – 20.00 mHz) Minimum increments 0.01 mHz 7 : 0 – 1 mHz (selectable range 0.000 – 2.000 mHz) Minimum increments 0.001 mHz 8 : 0 – 1000 pulses/min (selectable range 0 – 2000 pulses/min) Minimum increments 1 pulse/min 9 : 0 – 100 pulses/min (selectable range 0.0 – 200.0 pulses/min) Minimum increments 0.1 pulses/min 10 : 0 – 10 pulses/min (selectable range 0.00 – 20.00 pulses/min) Minimum increments 0.01 pulses/min 11 : 0 – 1000 pulses/h (selectable range 0 – 2000 pulses/h) Minimum increments 1 pulse/h 12 : 0 – 100 pulses/h (selectable range 0.0 – 200.0 pulses/h) Minimum increments 0.1 pulses/h 13 : 0 – 10 pulses/h (selectable range 0.00 – 20.00 pulses/h) Minimum increments 0.01 pulses/h (0, 1, 2 not selectable with AC/DC switch output)	1 (3 for AC/DC switch output)		<input type="checkbox"/>
06	0 – 2000	0% output frequency * _{1,2}	0.000 (0.00 * ₃)		<input type="checkbox"/>
07	0 – 2000	100% output frequency * ₂	1.000 (10.00 * ₃)		<input type="checkbox"/>
08	0, 1, 2	Output pulse width range * ₄ 0 : Duty ratio approx. 50% 1 : One-shot; 1 – 1000 msec. (50 – 1000 msec. for AC/DC switch) 2 : One-shot; 1 – 10 sec.	0		<input type="checkbox"/>
09	1 – 1000, –	Output pulse width * ₅ If the preset value is wider than the cycle at 115% output, the MXAP does not function properly (Data flashes.) '–' indicated when ITEM 08 is set to 0, meaning this setting is unavailable.	–		<input type="checkbox"/>
10	5 – 24, –	Output pulse voltage (V) Selectable only with voltage pulse output. '–' indicated for other output types, meaning this setting is unavailable.	Code A : – Code F : 5 Code J : – Code R : –		<input type="checkbox"/>
12	0, 1, 2	Output pulse logic 0: Non-inverted 1: Inverted	0		<input type="checkbox"/>
17	-9999 – 9999	Display range scaling 0% * ₆	0.0		<input type="checkbox"/>
18	-9999 – 9999	Display range scaling 100% * ₆	100.0		<input type="checkbox"/>
19	0, 1, 2, 3	Decimal point position 0 : ____ for ITEM P, 17, 18 1 : ____. 2 : __.____ 3 : _ . ____	1		<input type="checkbox"/>

ITEM	DATA	CONTENTS	DEFAULT VALUE	SPECIFY YOUR PREFERENCE ↓	Factory Internal check
20	0, 1, 2, 3, 4	Moving average (sampling cycle: 10 msec.) 0: No 1: 4 samples 2: 8 samples 3: 16 samples 4: 32 samples	1		<input type="checkbox"/>
21	0, 1 – 60	Power-saving mode 0 : Continuous display 1 – 60 : Time before display turned off (minutes)	10		<input type="checkbox"/>
22	0.3 – 100.0	Low-end cutout (%) (of the input % displayed in ITEM 13; deadband 0.1%) Not valid in the loop test output mode, or when 0% output setting is not 0 Hz.	0.3		<input type="checkbox"/>
23	-1.00 – 1.00 -10.0 – 10.0 -30.0 – 30.0 0.0 – 50.0	Input code S1 0% input voltage (V) * ₇ Input code S2 0% input voltage (V) * ₇ Input code S3 0% input voltage (V) * ₇ Input code Z1 0% input current (mA) * ₇	-1.00 -10.0 -30.0 4.0		<input type="checkbox"/>
24	-1.00 – 1.00 -10.0 – 10.0 -30.0 – 30.0 0.0 – 50.0	Input code S1 100% input voltage (V) * ₇ Input code S2 100% input voltage (V) * ₇ Input code S3 100% input voltage (V) * ₇ Input code Z1 100% input current (mA) * ₇	1.00 10.0 30.0 20.0		<input type="checkbox"/>
25	0, 1 – 9999	Automatic reset time for the totalized pulse count 0 : No automatic reset 1 – 9999 : Minutes before the automatic reset * ₈	0		<input type="checkbox"/>
26	0, 1	Totalized pulse count at ITEM 37/38 held at power off 0 : Not hold 1 : Hold	0		<input type="checkbox"/>

*1 : With 0 Hz setting, the input between -15% and 0% is automatically cut to 0 Hz (no output).

*2 : Unit and decimal point position as set in ITEM 05. ITEM 06 < ITEM 07.

*3 : For AC/DC switch output.

*4 : With 1 or 2 setting, the output pulse width is constant regardless of frequency.

*5 : Maintain the minimum OFF pulse width of 25 msec. (ON pulse width when inverted) for AC/DC switch output.

*6 : Of the range selected in ITEM 23/24. ITEM 17 < ITEM 18.

*7 : ITEM 23 < ITEM 24.

*8 : Clock accuracy ±5 sec. (approx.) per day (1440 minutes)