ORDERING INFORMATION Model : MXPA

PLEASE FILL IN THIS SECTION	FACTORY USE ONLY	
Model	Job No.	Approved by (Sales office)
Company	Ser No.	Issued by (Sales office)
Name	Sales	Approved by (Factory)
P/O No.		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
07	0 – 7	Input frequency range 0 : 0 – 10 mHz (selectable range 0.00 – 11.50 mHz) Minimum increments 0.01 mHz 1 : 0 – 100 mHz (selectable range 0.0 – 115.0 mHz) Minimum increments 0.1 mHz 2 : 0 – 1 Hz (selectable range 0.000 – 1.150 Hz) Minimum increments 0.001 Hz 3 : 0 – 10 Hz (selectable range 0.00 – 11.50 Hz) Minimum increments 0.01 Hz 4 : 0 – 100 Hz (selectable range 0.0 – 115.0 Hz) Minimum increments 0.1 Hz 5 : 0 – 1 kHz (selectable range 0.000 – 1.150 kHz) Minimum increments 0.001 kHz 6 : 0 – 10 kHz (selectable range 0.00 – 11.50 kHz) Minimum increments 0.01 kHz 7 : 0 – 100 kHz (selectable range 0.00 – 115.0 kHz) Minimum increments 0.1 kHz (0, 1, 2, 3, 4 selectable with mechanical contact)	5 (3 for mechanical contact)		☐
08	0 – 1150	0% input frequency *1	0.000 (0.00*2)		☐
09	0 – 1150	100% input frequency *1	1.000 (10.00*2)		☐
15	0, 1	Chattering filter (See note) 0 : Disable 1 : Enable (time constant = approx. 5 msec.) Note: · Only '1' is selectable for mechanical contact input. · Only '0' is selectable for RS-422 line driver. · Only '0' is selectable when Input frequency range setting is '5', '6' or '7'.	0		☐
18	-9999 – 9999	0% display scaling *3	0.0		☐
19	-9999 – 9999	100% display scaling *3	100.0		☐
20	0, 1, 2, 3	Decimal point position for ITEM P, 18, 19 0 : _ _ _ _ 1 : _ _ _ . _ 2 : _ _ . _ _ 3 : _ . _ _ _	1		☐

ITEM	DATA	CONTENTS	DEFAULT VALUE	SPECIFY YOUR PREFERENCE	Factory Internal check
21	0, 1 – 60	Power-saving mode 0 : Continuous display 1 – 60 : Time before display turned off (minutes)	10		☐
22	-15.0 – 115.0	Low-end cutout (%) (of the input % displayed in ITEM 08/09) Deadband 1% (The low-end cutout cancelled when the input goes above the setpoint by 1%.)	-15.0		☐
23	1 – 1000	Averaging non-uniform pulses (Number of pulses to be averaged for one rotation of a flow meter) Frequency range ≤100 Hz : 1 – 1000 0 – 1 kHz : 1 – 100 0 – 10 kHz : 1 – 10 0 – 100 kHz : 1 (No other setting is available.)	1		☐
24	V1: -1.00 – 1.00 V2: -10.0 – 10.0 Z1: 0.0 – 20.0	Output code V1 0% output voltage (V) *4 Output code V2 0% output voltage (V) *4 Output code Z1 0% output current (mA) *4	V1: -1.00 V2: -10.0 Z1: 4.0		☐
25	V1: 1.00 – 1.00 V2: -10.0 – 10.0 Z1: 0.0 – 20.0	Output code V1 100% output voltage (V) *4 Output code V2 100% output voltage (V) *4 Output code Z1 100% output current (mA) *4	V1: 1.00 V2: 10.0 Z1: 20.0		☐
26	0, 1	Linearization 0 : Disable 1 : Enable *5	0		☐
77	0, 1	Sensor excitation 0: Deactivated 1: Activated	1		☐
78	5 – 24	Excitation voltage (V)	5		☐

*1 : Unit and decimal point position as set in ITEM 07. ITEM 08 < ITEM 09.
*2 : For mechanical contact input.
*3 : Of the range selected in ITEM 08/09. ITEM 18 < ITEM 19.
*4 : ITEM 24 < ITEM 25.
*5 : Linearization is disabled during the loop test output.
*6 : Press DATA UP key and choose DATA 1. Double-click DATA DOWN key. The display shows DATA 0 after the initialization is complete.

SOFTWARE SETTING FOR VOLTAGE PULSE (Specify only for voltage pulse input)

ITEM	DATA	CONTENTS	DEFAULT VALUE	SPECIFY YOUR PREFERENCE	Factory Internal check
10	0, 1, –	Input voltage amplification factor input. Set to '5 times' only when the input spans narrower than 2 Vp-p is provided. 0 : 1 time 1 : 5 times	0		☐
11	0, 1, –	Input pulse sensing 0 : DC coupled 1 : Capacitor coupled With the capacitor coupling, frequencies lower than 20 Hz or sine or similar waveform spans narrower than 1 Vp-p can not be detected.	0		☐
12	0, 1, 2, 3, 4, –	Input pulse detecting level, automatic setting 0: Cancel automatic setting (manual setting in ITEM 13/14) 1: High level (V_L = approx. 5.0V, V_H = approx. 6.0V), DC coupling use 2: Medium level (V_L = approx. 2.0V, V_H = approx. 2.5V), DC coupling use 3: Low level (V_L = approx. 1.0V, V_H = approx. 1.5V), DC coupling use 4: Capacitor coupling use (V_L = approx. 0.0V, V_H = approx. 0.5V)	2		☐
13	0.5, 1 – 10, –	Input pulse detecting level, V_H, manual setting (0.1V increments) Selectable only with voltage pulse input.	2.5		☐
14	0.0, 1 – 10, –	Input pulse detecting level, V_L, manual setting (0.1V increments) Selectable only with voltage pulse input.	2.0		☐

LINEARIZATION

In the case of ordering linearization, fill in the next table. (Selectable range: -15.0 to 115.0) Factory setting: 0.0

INPUT	SET VALUE (%)	OUTPUT	SET VALUE (%)	INPUT	SET VALUE (%)	OUTPUT	SET VALUE (%)
Input 1		Output 1		Input 16		Output 16	
Input 2		Output 2		Input 17		Output 17	
Input 3		Output 3		Input 18		Output 18	
Input 4		Output 4		Input 19		Output 19	
Input 5		Output 5		Input 20		Output 20	
Input 6		Output 6		Input 21		Output 21	
Input 7		Output 7		Input 22		Output 22	
Input 8		Output 8		Input 23		Output 23	
Input 9		Output 9		Input 24		Output 24	
Input 10		Output 10					
Input 11		Output 11					
Input 12		Output 12					
Input 13		Output 13					
Input 14		Output 14					
Input 15		Output 15					