

JUXTA F Series General Specification

Model FX1□-PS (Variable software type)
FX2□-PS (Variable software type)
Program Setter

JUXTA

1. GENERAL

This is a variable software type computing unit which if the start/reset command input of more than 75% is accepted (at start/reset command input OFF) outputs a signal internally generated regardless of input signal as an isolated DC voltage or current signal changing with time lapse.

There is an eleven-point time table to establish the relationship between time and output.

2. SPECIFICATIONS

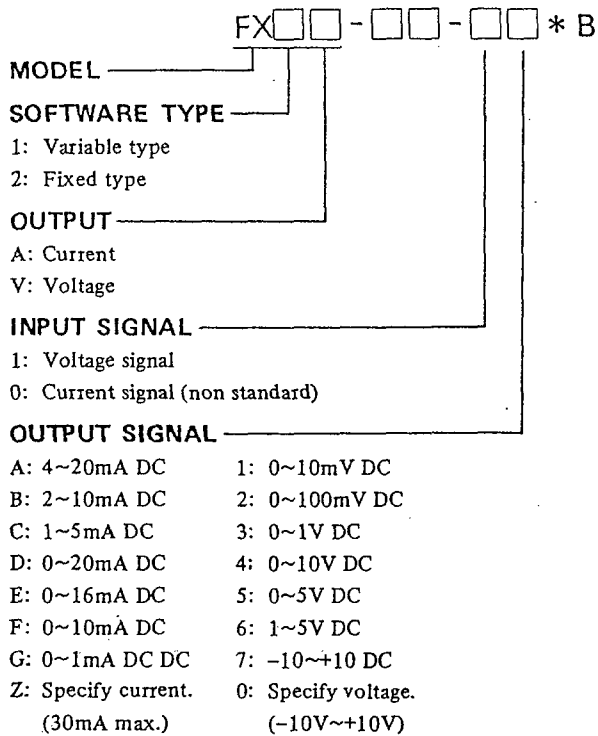
Model No.	FX1A-PS, FX1V-PS	FX2A-PS, FX2V-PS
Input signal	DC voltage signal	Contact input
Measuring range	0 to 10 V DC (Measuring span: More than 2 V) (*1)	
Input resistance	1 MΩ (At power failure: More than 100 KΩ)	
Output signal	4 to 20mA, 2 to 10mA, 1 to 5mA, 0 to 20mA, 0 to 16mA, 0 to 10mA or 0 to 1mA DC 0 to 10mV, 0 to 100mV, 0 to 1V, 0 to 10V, 0 to 5V, 1 to 5V or -10 to +10V DC	
Time table setting condition	0 sec \leq (t ₀ to t ₁₀) \leq 7984 sec -15.0% \leq (Y ₀ to Y ₁₀) \leq 115.0% t ₀ < t ₁ < t ₂ < t ₃ < t ₄ < t ₅ < t ₆ < t ₇ < t ₈ < t ₉ < t ₁₀ Time: From t ₀ to t ₁₀ (*2) Output: From Y ₀ to Y ₁₀ (*3)	
Setting resolution	Time: 8 sec Output: 0.1%	
Signal insulation	Between input signal and output signal/power supply circuits, and between output signal and power supply circuits	
Insulation resistance	Between input signal and output signal/power supply circuits: and Between output signal and power supply circuits: 100 MΩ/500 V DC	
Dielectric strength	Between input signal and output signal/power supply circuits: 1500 V AC/min Between output signal and power supply circuits: 500 V AC/min	
Power supply voltage	24 V DC \pm 10%	
Ambient temperature/humidity	0 to 50°C (32 to 122°F) and 5 to 93% relative humidity (No condensation.)	
Effect of ambient temperature	\pm 0.2% of span for 10°C (50°F) change	
Effect of power supply voltage	\pm 0.1% of span for 24 V DC \pm 10% variation	\pm 0.2% of span for 24V DC \pm 10% variation
Power consumption	24 V DC, 60 mA (Voltage output) and 24 V DC, 82 mA (Current output)	
Dimensions	72 (2.83") H \times 24 (0.94") W \times 127 (5.00") D mm (inch)	
Weight	Approx. 130 g	
Accessories	Tag number label : 1 sheet Mounting blocks: 2 pcs.	

Specify the following when ordering:

(*1) Start/reset command input range from □ to □ mV (Only for FX1□-PS)

(*2) Time table time-axis from t₀ to t₁₀ (sec): 11 points

(*3) Time table output-axis from Y₀ to Y₁₀ (%): 11 points



Ordering Information

Measuring Range of Input	
Voltage input signal: 2V min. Span for 0~10V DC	
Current input signal (input resist. 250Ω): (250Ω) × (Input current) shall be within the measuring span of voltage input signal.	
	Recommended Range
Current signal	4~20mA DC 2~10mA DC 0~20mA DC 0~16mA DC 0~10mA DC
Voltage signal	0~10V DC 0~ 5V DC 1~ 5V DC

(Note) Change of input between voltage and current is impossible by Handy Terminal.

OUTPUT RESISTANCE AND LOAD RESISTANCE

Output Signal	Load Resistance	Output Impedance
4 to 20mA DC	0 to 750Ω	5MΩ or more
2 to 10mA DC	0 to 1500Ω	
1 to 5mA DC	0 to 3000Ω	
0 to 20mA DC	0 to 750Ω	
0 to 16mA DC	0 to 900Ω	
0 to 10mA DC	0 to 1500Ω	
0 to 1mA DC	0 to 15kΩ	

Output Signal	Load Resistance	Output Impedance
0 to 10mV DC	100kΩ or more	100Ω or less
0 to 100mV DC		
0 to 1V DC	2kΩ or more	1Ω or less
0 to 5V DC		
1 to 5V DC		
0 to 10V DC	10kΩ or more	
-10 to +10V DC		

Subject to change without notice for grade up quality and performance