JUXTA W Series General Specification

1. GENERAL

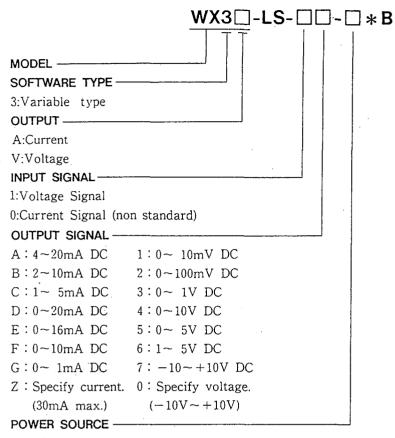
This is a variable software type computing unit which accepts two mV inputs signal from a converter and outputs one input signal whichever is the lower as isolated various voltage or current signal.

2. SPECIFICATION

Model No.	WX3A-LS, WX3V-LS		
Input signal	mV signal:two points		
Measuring range	-2 to 10mV (There is accuracy limitation for spans of more than 3mV and less than 10mV.) -10 to 50mV (For span of more than 10mV) -50 to 250mV (For span of more than 50mV) -100 to 1250mV (For span of more than 250mV) (*1)		
Input resistance	IMΩ (At power failure: More than 3kΩ)		
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		
Basic accuracy	±0.2% of measuring span		
Signal insulation	Between input signal and output signal, power supply circuit and grounding		
Insulation resistance	Between input signal and output signal, power supply circuit and grounding: $100M\Omega/500V$ DC		
Dielectric strength	Between input signal and output signal, power supply circuit and grounding, and power supply circuit and output signal and grounding:1500V AC/min Between output signal and grounding:1000V AC/min		
Power supply voltage	85 to 264V AC 47 to 63Hz or 24V DC ±10%		
Ambient temperature/ humidity	0 to 50°C (32 to 122°F) and 5 to 93% relative humidity (No condensation)		
Effect of ambient temperature	±0.2% of span for 10°C (50°F) change		
Effect of power supply voltage	$\pm 0.2\%$ of span for 85 to 264V AC or 24V DC $\pm 10\%$ regulation		
Power consumption	100V AC, 7.0VA (voltage output) and 100V AC, 8.5VA (current output) 24V DC, 60mA (voltage output) and 24V DC, 82mA (current output)		
Dimensions	72(2.83") H×48(1.89") W×127(5.00") D mm(inch)		
Weight	Approx. 280g		
Accessories	Tag number label: 1 sheet Mounting blocks: 2pcs.		

(*1) Specify measuring range from □ to □mV.

Range accuracy for span of less than 10mV:0.2×10/(mV input span)%



Ordering Information

Input Measuring Range					
Range	Allowable	Allowable Measuring			
name	min. span	Range			
НН	250mV	-100~1250mV			
Н	50mV	− 50∼ 250mV			
L	10mV	- 10~ 50mV			
LL	3mV	- 2~ 10mV			
However, accuracy of less than					
10mV span is					
$0.2\% \times \frac{10 \mathrm{mV}}{\mathrm{input span}(\mathrm{mV})}$ (%)					
Recommended Input Runge					
		0~10mV DC			
Voltage	signal	0~100mV DC			
	·	0~1V DC			

1:24V DC ±10% 2:85~264V AC

OUTPUT RESISTANCE AND LOAD RESISTANCE

Output Signal	Load Resistance	Output Impedance
4 to 20mA DC	0 to 750 Ω	
2 to 10mA DC	0 to 1500 Ω	
1 to 5mA DC	0 to 3000 Ω	
0 to 20mA DC	0 to 750 Ω	5MΩ or more
0 to 16mA DC	0 to 900 Ω	
0 to 10mA DC	0 to 1500 Ω	
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	TOOK 22 OF INOTE	
0 to 1V DC		
0 to 5V DC	$2k\Omega$ or more	
1 to 5V DC		1Ω or less
0 to 10V DC	101-0	
-10 to +10V DC	10kΩ or more.	