JUXTA W Series General Specification

Model WX1 □-BH (Variable software type) WX2□-BH (Variable software type) Bottom Holder

NTXUL

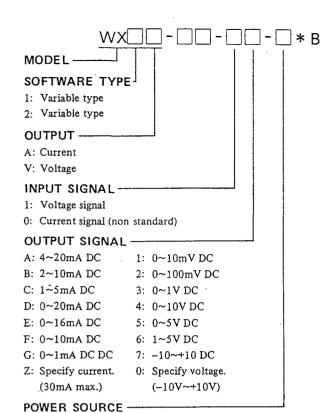
1. GENERAL

This is a variable software type computing unit which accepts two voltage signal input points or one voltage and one contact signal input points from various converters, and outputs an isolated DC voltage or current signal corresponding to the bottom value when hold command input signal is more than 75% (at hold command input OFF).

2. SPECIFICATIONS

Model No.	WX1A-BH, WX1V-BH	WX2A-BH, WX2V-BH
Input signal	DC voltage signal: 2 points	DC voltage signal: 1 point Contact point input: 1 point
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 20 mA, 2 to 10 mA, 1 to 5 mA, 0 to 20 mA, 0 to 16 mA, 0 to 10 mA or 0 to 1 mA DC 0 to 10 mV, 0 to 100 mV, 0 to 1 V, 0 to 10 V, 0 to 5 V, 1 to 5V or -10 to +10 V DC	
Basic accuracy	±0.1% of measuring span	±0.2% of measuring span
Signal insualtion	Between any of input signal, output signal, power supply circuits and grounding	
Insulation resistance	Between any of input, output and power (DC driven) Between any of input, output, power and grounding (AC driven) 100 MΩ/500 V DC	
Dielectric strength	Between input and output/power: 1500 V AC/min. and between output and power: 500 V AC/min. (DC driven) Between any of input, output, power and grounding: 1500 V AC/min. (AC driven)	
Power supply voltage	85 to 264 V AC 47 to 63 Hz, or 24 V 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	±0.1% of span for 85 to 264 V AC or 24 V DC ±10% variation	±0.2% of span for 85 to 264 V AC or 24 V DC ±10% variation
Power consumption	100 V AC, 7.0 VA (voltage output) and 100 V AC, 8.5 VA (current output) 24 V DC, 60 mA (voltage output) and 24 V DC, 82 mA (current output)	
Dimensions	72 (2.83") H × 48 (1.89") W × 127 (5.00") D mm (inch)	
Weight	Approx. 150 g (DC driven), 280 g (AC driven)	
Accessories	Tag number label: 1 sheet Mounting blocks: 2 pcs.	

^(*) Specify measuring range from \square to \square V.



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

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

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 750Ω	
2 to 10mA DC	0 to 1500Ω	
1 to 5mA DC	0 to 3000Ω	
0 to 20mA DC	0 to 750Ω	$5M\Omega$ or more
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	TOOKAZ OF MOTE	
0 to 1V DC		1Ω or less
0 to 5V DC	$2k\Omega$ or more	
1 to 5V DC		
0 to 10V DC	10kΩ or more	
-10 to +10V DC	10K27 OL MOLE	