JUXTA H Series General Specification

Model HP1
Pulse Repeater

JUXTA

1. GENERAL

The Model HP1 pulse repeater converts a contact, voltage, or current pulse from the field to an isolated transistor contact pulse.

2. SPECIFICATION

Model	HP1
Input signal	2-wire : Contact ON/OFF or voltage pulse power distributor built into card 3-wire : Power distributor built into card
Input frequency	0 to 6kHz
Minimum pulse width	60 μs (minimum ON or OFF time)
Input level	Contact input : Relay or transistor ON/OFF contact Contact resistance : 200 Ω or less with contact closed and 100k Ω or more with contact open Contact rating : At least 15V DC, 15mA Filter : Connected by a switch. When it is connected, the constant is 10ms. Voltage input : (Including power distributor built into card) EL(low level) : −1V to +8V DC EH(high level) : +3V to +24V DC Swing width : EH−EL≧3V Signal source resistance : 1kΩ or less 2-wire power distributor load resistance : 200Ω, 510Ω or 1kΩ (selected by a switch)
Detector power supply	12V DC±10%,up to 30mA
Output signal	Transistor ON/OFF (Open collector)
Output contact rating	30V DC, 30mA
Output frequency	The same as input frequency
Signal isolation	Between input, output, and power supply circuits
Insulation resistance	100MΩ at 500V DC between input, output power supply and grounding terminals mutually
Dielectric strength	1000V AC for 1 minute between input, output, power supply and grounding terminals mutually
Power supply voltage	Power supply on card uses AC or DC (No change to card) 20 to 130V DC (with no polarity) 80 to 138V AC, 47 to 63Hz
Ambient temperature	0 to 50°C
Relative humidity	5 to 90% RH (non condensing)

Power consumption	Power source 100V AC	5.2VA
	Power source 24V DC	100mA
External dimension		148×27×220mm (H×W×D)
Weight		Approx 235g
Accessories		One 0.5A spare fuse Tag No. label 4 sheets

3. DOCUMENT

The following instruction manuals are attached to this sheet.

IM SC-11E HP1 pulse repeater

IM SC-00E HB-16 JUXTA rack mounting enclosure G and H series. (Input/Output terminal connections are discribed.)