

JUXTA F Series

General Specifications

Model : FA4A/V

JUXTA

Distributor (non-isolated)

1. GENERAL

This distributor for 2-wire transmitter provides functions of distributor and signal conversion. The instrument converts 4~20mA DC signals to current or voltage signals.

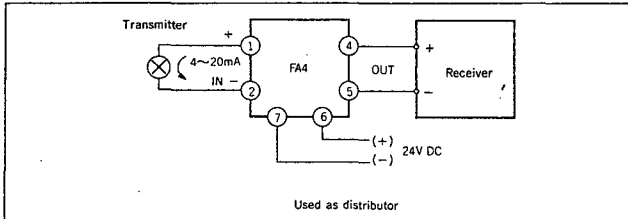
2. SPECIFICATIONS

IO Specifications	
Input signals	4~20mA DC
Input resistance	250Ω
Transmitter power supply voltage	26.5±1.5V DC (with current limit circuit at 25~35mA)
Permissible conductor resistance	$RL \leq (20\text{-transmitter minimum operating voltage})V/0.02A (\Omega)$ (FA4V) $RL \leq (25\text{-transmitter minimum operating voltage})V/0.02A (\Omega)$ (FA4A)
Output signal	DC current or voltage signal
Standard performance	
Precision rating	±0.1% of span
Response speed	150ms 63% response (10~90%)
Insulation resistance	100MΩ min (at 500V DC) between input/output~power supply
Voltage withstand	500V AC/minute between input/output~power supply
Ambient temperature and humidity	Normal operating condition: 0~50°C, 5~90% RH Operating limit: -10~60°C, 5~95% RH Storage condition: -40~70°C, 5~95% RH (no condensation)
Power supply voltage	24V DC ±10% (ripple : 10% P-P max)
Effect of power supply voltage fluctuation	±0.1% max of span per 24V DC ±10% fluctuation
Effect of change in ambient temperature	±0.2% max of span per 10°C change in temperature
Current dissipation	24V DC 65mA (FA4A), 65mA (FA4V)
Mountings and dimensions	
Material	Case: ABS plastic
Boards	Both sides glass-epoxy
Mounting methods	Rack, wall, or DIN rail
Connection method	M4-screw terminals
External dimensions	72 x 24 x 127 mm (h x w x d)
Weight	130g
Accessories	
Tag number label : x 1	
Mounting blocks: x2	M4 mounting screws: x2

FA4□-A□*B

TYPE NO. _____
 OUTPUT SPECIFICATION _____
 A: Current
 V: Voltage
 INPUT SIGNAL _____
 A: 4~20mA DC
 Transmitter power supply : 25~28V DC
 OUTPUT SIGNAL _____
 FA4A FA4V
 A: 4~20mA DC 1: 1~5V DC
 POWER SUPPLY
 24V DC±10%

WIRING DIAGRAM

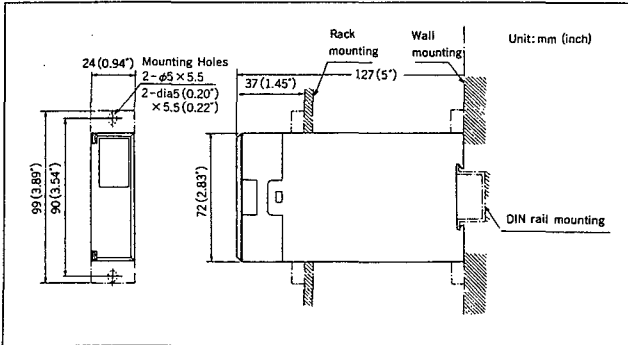


OUTPUT RESISTANCE AND PERMISSIBLE LOAD RESISTANCE

FA4A (DC Current Output)		
Output Signal	Output Resistance	Permissible Load Resistance
4~20mA DC	5MΩ min	0~750Ω

FA4V (DC Voltage Output)		
Output Signal	Output Resistance	Permissible Load Resistance
1~5V DC	1Ω max	2kΩ min

EXTERNAL DIMENSION



Subject to change without notice for grade up quality and performance