Honeywell CC-PAIH01

Honeywell Analog Input with HART – CC-PAIH01

Function

The Analog Input Module accepts high level current or voltage inputs from transmitters and sensing devices.

Notable Features

- Extensive self-diagnostics
- Optional redundancy
- Open Wire Detection
- Supplies non-incendive field power
- Non-incendive Power
- HART-capable, multivariable instruments and multiple modems for fast collection of control variables
- Fast loop scan
- PV protection through an open wire detection diagnostic
- Open-wire Bad PV Detection

Input / Output Model CC-PAIH02 - High-Level Analog Input with HART

IOTA Models (Non-Redundant / Redundant):

CC-TAIX01 (Non-Redundant) and CC-TAIX11 (Redundant)

CC-GAIX21 (Non-Redundant) and CC-GAIX11 (Redundant)

CC-TAID01 (Non-Redundant) and CC-TAID11 (Redundant)

Input Type Voltage, current (2-wire or self-powered transmitters)

Input Channels 1 16 Channels (12 Single Ended / 4 Differential)

Common Mode Rejection Ratio, dc to 60 Hz (500 Ω source imbalance)

70 dB

Common Mode Voltage, dc to 60 Hz -6 to +5 V peak

A/D Converter Resolution 16 bits

Input Range 1 0 to 5 V, 1 to 5 V, 0.4 to 2 V, 4-20 mA (through 250 Ω)

Normal Mode Rejection Ratio, at 60 Hz 19 dB

Normal Mode Filter Response Single-pole RC, -3 dB @ 6.5 Hz

Maximum Normal Mode Input (differential inputs, no damage)

± 30 Volts

Crosstalk, dc to 60 Hz (channel-to-channel) -60 dB

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Input Impedance (voltage inputs) > 10 M Ω powered
Input Scan Rate 50 ms
Hardware Accuracy (@ CMV = 0 V) ± 0.075% of full-scale (23.5° ± 2° C)
± 0.15% of full-scale (0 to 60° C)
Transmitter Field Power Conditioning Individually Protected Current Limiting Circuits for Class 1, Div 2 non-incendive interfacing. No fusing required

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