DELTAV SERIES 2 TRADITIONAL I/O

Product Data Sheet

KJ3223X1-BA1 12P2871X022

DeltaV 16-channel analog input card

ANALOG INPUTS	SIGNAL RANGE	WIRING TYPE	LOCALBUS POWER
16 channels	**4 to 20 mA**	**2-wire transmitters**	**12 V DC at 150 mA**

Emerson KJ3223X1-BA1 12P2871X022 is a DeltaV 16-channel analog input card for DeltaV Series 2 traditional I/O. It provides the documented interface, electrical characteristics and control role associated with its exact hardware identity.

01 VERIFIED TECHNICAL DATA

Analog inputs	16 channels
Signal range	4 to 20 mA
Wiring type	2-wire transmitters
LocalBus power	12 V DC at 150 mA
Bussed field power	24 V DC at 600 mA
Field circuit rating	24 V DC at 32 mA
Ambient temperature	-40 to +70 °C
Relative humidity	5 to 95%, non-condensing
Shock rating	10 g half-sine for 11 ms
Vibration rating	1 mm at 5 to 16 Hz; 0.5 g at 16 to 150 Hz

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Protection rating	IP20
Terminal key position	A2
Contaminant class	ISA-S71.04 Class G3

03 DOCUMENTED USE SETTINGS

Continuous Process Control: Reactor Feed Loop Measurement.

Hydrocarbon Processing Control: Refinery Unit Signal Acquisition.

Plant Process Monitoring: Boiler Auxiliary Signal Handling.

04 SYSTEM COMPATIBILITY

KJ3223X1-BA1 12P2871X022 is a DeltaV 16-channel analog input card for DeltaV Series 2 traditional I/O. Before connection, confirm the complete model identity and installed hardware position, then compare the documented analog inputs of 16 channels with the existing configuration and connected circuits.

05 PRODUCT EVIDENCE

Emerson manufacturer documentation

AMIKON PRODUCT SUPPORT

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