ATEX Instruction Sheet
Part Number: ATEX137
Publication date: July 2021

KJ3224X1-BA1 Thermocouple / mV Input

Hazardous Atmosphere

II 3 G Ex nA [ic] IIC Gc
II 3 G Ex nA [nL] IIC Gc
FM13ATEX0034U
IECEx FMG 13.0015U

Power Specifications

Local Bus Power	12 VDC at 210 mA

Environmental Specifications

Ambient Temperature	-40 °C to +70 °C
Shock	10 g half-sine wave for 11 ms
Vibration	1 mm peak to peak from 2 to 13.2 Hz; 0.7 g from 13.2 to 150 Hz
Airborne Contaminants	ISA-S71.04 –1985 Airborne Contaminants Class G3
Relative Humidity	5 to 95% Non-Condensing
Terminal block key position	C1

Note: Refer to the product label for serial number and location and date of manufacture.

Warning: This product has specific instructions for installation, removal and operation in hazardous areas. Refer to document 12P2046 *"DeltaV ™ Scalable Process System Zone 2 Installation Instructions".* Other installation instructions are available in the *"DeltaV ™ S-series and CHARMs Hardware Installation"* manual.

Removal and Insertion

Field power supplied to this device, either at the field terminal or as bussed field power through the Carrier, must be removed before removing or connecting the device.

An I/O loop assessment must be complete on all energy limited nodes.

This unit cannot be removed or inserted with system power energized.

A rotary keying system ensures compatibility between I/O cards and terminal blocks after installation is complete. The terminal block must have the keys set for the I/O card with which it is to be used.

Maintenance and Adjustment

This unit contains no user serviceable parts and should not be disassembled for any reason. Calibration is not required.

Other Safety Approvals

FM C US APPROVED
CL. I Div. 2 GP.A,B,C,D T4

CE

UK CA

CSA C LR87534 US