

ATEX Instruction Sheet

Part Number: D803070X012

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Remote Interface Unit (RIU)

KJ2004X1-BA1 Remote Interface Unit (RIU)

Hazardous Atmosphere



II 3G Ex nA nC IIC Gc
FM16ATEX0056U
FM21UKEX0017U

Power Specifications

Local Bus Power	5 VDC at 300 mA (max)
	3.3 VDC at 500 mA (max)

Environmental Specifications

Ambient Temperature	-40°C to +70°C
Shock	10g ½ Sinewave for 11msec
Vibration	1mm Peak to Peak from 2 to 13.2Hz; 0.7g from 13.2 to 150Hz
Airborne Contaminants	ISA-S71.04 –1985 Airborne Contaminants Class G3
Relative Humidity	5 to 95% Non-Condensing IP 20 Rating

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™ M-Series Hardware Installation and Reference"* manual.

The communications network connected to the DeltaV Remote Interface Unit must not be connected to a source that generates or contains under normal conditions a potential in excess of 60 VAC or 75 VDC.

Removal and Insertion

This unit cannot be removed or inserted with system power energized unless the area is known to be non-hazardous.

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

