

ATEX Instruction Sheet

Part Number: ATEX119

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MQ Controller

KJ2005X1-MQ1 MQ Controller

Hazardous Atmosphere



FM12ATEX0090U
IECEX FMG 12.0035U
II 3G Ex nA IIC Gc

Power Specifications

LocalBus power rating +5 VDC at 1.4 A

Environmental Specifications

Ambient Temperature	-40 to 70° C
Shock	10 G ½-sinewave for 11 ms
Vibration	1 mm peak-to-peak from 5 Hz to 16 Hz, 0.5 g from 16 Hz to 150 Hz
Airborne Contaminants	ISA-S71.04 –1985 Airborne Contaminants Class G3
Relative Humidity	5% to 95% non-condensing

Note: See 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 "*Installing Your DeltaV Automation System*" manual.

The communications network connected to the DeltaV Controller 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.

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

