

ATEX Instruction Sheet

Part Number: ATEX91

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I.S. AO 4-20 mA HART CHARM

KL3102X1-BA1 I.S. AO 4-20 mA HART CHARM

Hazardous Atmosphere



II 3(1) G Ex ec [ia Ga] IIC Gc
II 3G (1D) Ex ec [ia IIIC Da] IIC Gc
FM11ATEX 0030U
IECEX FMG 11.0014U
FM21UKEX0156U



CL1, DIV 2, GP A-D
Associated CL I, II, III, DIV 1, GP A-G
CL I, ZN 2 AEx ec [ia Ga] IIC Gc
CL I, ZN 2 AEx ec [ia IIIC Da] IIC Gc
FM20US0096U; FM20CA0044U

Power Specifications

CHARM Bus power rating	+6.3 VDC at 0 mA
Field circuit power rating	+24 VDC at 56 mA

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
Terminal block key position	C2

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 documents:

ATEX/IECEX Installation Instructions IS-CHARM Subsystem 12P6523.

Control Drawing DeltaV™ IS-CHARMs Subsystem 12P6122.

Control Drawing DeltaV™ IS-CHARMs 12P6123.

Other installation instructions are available in the DeltaV™ S-series and CHARMs Hardware Installation manual.

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

