

ATEX Instruction Sheet

Part Number: ATEX91

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I.S. AO 4-20 mA HART CHARM

KL3102X1-BA1

Hazardous Atmosphere



FM 11 ATEX 0032X
II (1) G [Ex ia] IIC
II (1) D [Ex ia] IIIC
II 3 (1) G Ex nAc [ia] IIC T4
(-40°C<Ta<+70°C)

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 to 70° C
Shock 10g ½ Sinewave for 11 msec
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 documents:

ATEX/IECEx Installation Instructions IS-CHARM Subsystem 12P6523

Control Drawing DeltaV™ IS-CHARMs Subsystem 12P6122

Control Drawing DeltaV™ IS-CHARMs 12P6123

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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



cFMus:

CL I, DIV 2, GP A-D T4;
CL I, ZN 2, AEx nAc, Ex nA IIC T4 providing IS circuits for
CL I,II,DIV 1,GP A-G; CL III;
CL I, ZN 0, [AEx ia] IIC, [Ex ia] IIC
Install per dwg 12P6122

IECEx:

FMG 11.0013X
[Ex ia] IIC
[Ex ia] IIIC
Ex nAc [ia] IIC T4