DK32/DK34 FM-IS Control Drawings for hazardous location
HAZARDOUS LOCATION

INTRINSICALLY SAFE FOR CL. I, II, DIV 1, GSP, A, B, C, D, E, F & G:
NONINCENDIVE FOR CL. I, DIV 2, GPS A, B, C & D

REMOVABLE CONNECTOR
OR
FIXED GROMMETED CABLE

DK32 K1 OR DK34 K1

MAX. AMBIENT TEMPERATURE
T6: < 75°C
T5: < 90°C
T4: < 107°C for GROUP A, B & C
T4: < 120°C for GROUP D

WATERTIGHT GROMMETED
CONNECTION GLAND

DK32 K1 OR
DK34 K1

ENTITY PARAMETERS

Ui (Vmax) = 30 V
li (Imax) = 100 mA
Pi (Pmax) = 1 W
Ci = 0
Li = 0

1. FMRC ENTITY APPROVED SAFETY BARRIER, USED IN AN APPROVED CONFIGURATION, SUCH THAT:
   Ui (Vmax) ≥ Uo (Voc) , li (Imax) ≥ Io (lsc) , Pi (Pmax) ≥ Po
   Ci Cable ≤ Co (Ca) , Li Cable ≤ Lo (La)

2. INTERCONNECTION CABLE FOR SIGNAL OUTPUT. TWO-WIRE CABLE OR THREE-WIRE CABLE REQUIRED.

3. NON-HAZARDOUS LOCATION EQUIPMENT NOT USING OR GENERATING MORE THAN 250V.

4. INSTALLATIONS SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE®NFPA 70,
   ARTICLE 500 TO 510 AND ANSI/ASI-RP 12.06.01

KROHNE

CONTROL DRAWING
DK32/K1 & DK34/K1
VA FLOWMETER WITH REED SWITCH

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Dok. Typ ZZ
Dok. Schlüssel 8157780500
Rev. d
released