

<b>420-0004-256</b>		Sht. 1 of <b>3</b>	APP'D BY SGA
ISSUE	EDO NO.	APP'D	DATE
1	5/04/213	<i>JAP</i>	5/27/04



FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

***Tank Probe Model DM33a-b-c-d-eee-F1-ggg-h-i-jj***

IS / I, II, III / 1 / CDEFG / T4 Ta = 70°C – 420-0004-233-CD; Entity

I / 0 / AEx ia IIB T4 Ta = 70°C - 420-0004-233-CD; Entity

NI / I / 2 / ABCD / T4 Ta = 70°

- a = Output 0 or 1
- b = Style/Material X, V, S, F or H
- c = Style/Connector M, D, S, R or B
- d = Thread type E or M
- e = Length, any three figure number
- g = Float type
- h = Housing option H, I, D, or X
- i = Special mounting C, T, P, W or X
- j = Special mounting 20, 25, 30, 40, CF or XX

Entity Parameters:

<i>Terminal</i>	$V_{max}$ (V)	$I_{max}$ (mA)	$P_i$ (W)	$C_i$ (nF)	$L_i$ (mH)
LOOP+, IN-	30	108	1.0	0	0
PROGRAM, IN-	30	108	1.0	0	0

*Special conditions*

1. Shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.
2. For Class II, III Locations, the apparatus shall be installed into the Ametek Drexelbrook Type 285-0001-060 enclosure or a Class II, III FM Approved Enclosure..



Equipment Ratings:

Intrinsically safe apparatus for use in Class I, II, III Division 1, Groups C, D, E, F and G and Class I, Zone 0 Group IIB hazardous (classified) locations, in accordance with Entity requirements and Control Drawing 420-0004-233-CD and as Nonincendive for use in Class I, Division 2, Groups A, B, C, D hazardous locations.

Approved for:

Ametek Drexelbrook  
205 Keith Valley Road  
Horsham, PA 19044



This certifies that the equipment described has been found to comply with the following FM Approval Standards and other documents:

Class 3600	1998
Class 3610	1999
Class 3611	1999
Class 3810	1989
Amendment #1	1995


Original Project ID: 3020534

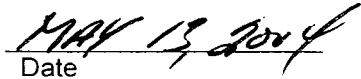
FM Approval Granted: May 13, 2004

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
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FM Global Technologies LLC

  
 Robert L. Martell, Jr.  
 Assistant Vice President

  
 Date