



# Factory Mutual Research

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OX7A2.AX  
(3610)

September 28, 1994

MODEL SBMVS-N4  
INTRINSIC SAFETY BARRIER ASSEMBLY  
FOR  
HAZARDOUS (CLASSIFIED) LOCATIONS  
FROM  
KISTLER-MORSE CORPORATION  
10201 WILLOWS ROAD NE  
REDMOND, WASHINGTON 98052

## I INTRODUCTION

1.1 Kistler-Morse Corporation requested Approval of the apparatus listed in Section 1.3 to be in compliance with the applicable requirements of the following standards:

<u>Title</u>	<u>Class No.</u>	<u>Issue Date</u>
Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1 Hazardous (Classified) Locations	3610	October 1988

Note: Factors applied to voltage or current rather than energy.

Electrical Equipment for Use In Hazardous (Classified) Locations General Requirements	3600	March 1989
Electrical and Electronic Test, Measuring, and Process Control Equipment	3810	March 1989

1.2 The following was evaluated as having intrinsically safe field circuit connections for Class I, II and III, Division 1, Groups C, D, E, F and G; nonincendive field circuits for Class I, II, III, Division 2, Group C, D, F and G hazardous locations in accordance with Kistler-Morse drawing No. TI-SB1.FM-01, Rev A and will appear in the Approval Guide as follows:

AIS/I,II,III/1/CDEFG - TI-SB1.FM-01/A  
ANI/I,II,III/2/CDEFG

Intrinsic Safety Barrier Assembly. Model SBMVS-N4.