

Factory Mutual Research Corporation
1151 Boston-Providence Turnpike
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J.I. 3002894
(3615)

**SERIES F5EX FEEDBACK UNIT
FOR
HAZARDOUS (CLASSIFIED) LOCATIONS**

from
**PALMSTIERNAS INSTRUMENT AB
TULEGATAN 15
S-113 53 STOCKHOLM
SWEDEN**

I INTRODUCTION

1.1 Palmstiernas Instrument AB (manufacturer) requested Factory Mutual Research Corporation (FMRC) Approval of revisions to their Series F5EX Feedback Unit as explosionproof for Class I, Division 1, Groups B, C and D; dust-ignitionproof for Class II, Division 1, Groups E, F and G hazardous (classified) locations, indoors and outdoors (NEMA Type 4X). Canadian Standards Association (CSA) performed the examination and testing.

1.2 The FMRC Approval Guide listing of the Series F5EX Feedback Unit will remain unchanged by this report.

1.3 The equipment described by this report was shown to comply with the applicable requirements of the following standards.

<u>TITLE</u>	<u>AUTHOR-NUMBER</u>	<u>DATE</u>
Electrical Equipment For Use In Hazardous (Classified) Locations General Requirements	FM 3600*	1998
Explosionproof Electrical Equipment	FM-3615*	1989
Electrical And Electronic Test, Measuring, and Process Control Equipment	FMRC-3810* (Including Supplement 1)	1989 (1995)
Enclosures For Electrical Equipment	ANSI/NEMA-250	1991

* These standards are based in large part on the applicable American National Standards Institute