



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

MESO-HX. Temperature Transmitter.

IS / I,II,III / 1 / ABCDG / T4 Ta = 80°C — 3-7967; Entity
AIS / I,II,III / ABCDG — 3-7967; Entity

Entity Parameters:

Input Terminals (PL5 & PL6):

$V_{Max} = 30V$, $I_{Max} = 100mA$, $P_{Max} = 900mW$, $C_i = 0\mu F$, $L_i = 0mH$

Output Terminals (PL1, PL2, PL3 & PL4):

$V_t = 30V$, $I_t = 25mA$, $C_a = 0.12\mu F$, $L_a = 56.8mH$

Equipment Ratings:

Intrinsically Safe, with entity parameters, for use in Class I, II & III, Division 1, Groups A, B, C, D & G, in accordance with manufacturer's Control Drawing No. 3-7967, with Intrinsically Safe Connections to Class I, II & III, Division 1, Groups A, B, C, D & G Hazardous (Classified) indoor Locations.

Approved for:

Inor Process AB
P.O. Box 9125
S-200 39 Malmö, Sweden

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	1989
Class 3810	1989
Including Supplement #1	1995

Original Project ID: 6D9A4.AX

FM Approval Granted: November 25, 1998

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
030318	July 3, 2003		
030319	July 3, 2003		
031021	October 30, 2003		
040930	November 16, 2004		
050607	June 22, 2005		
050929	10/21/05		

FM Global Technologies LLC

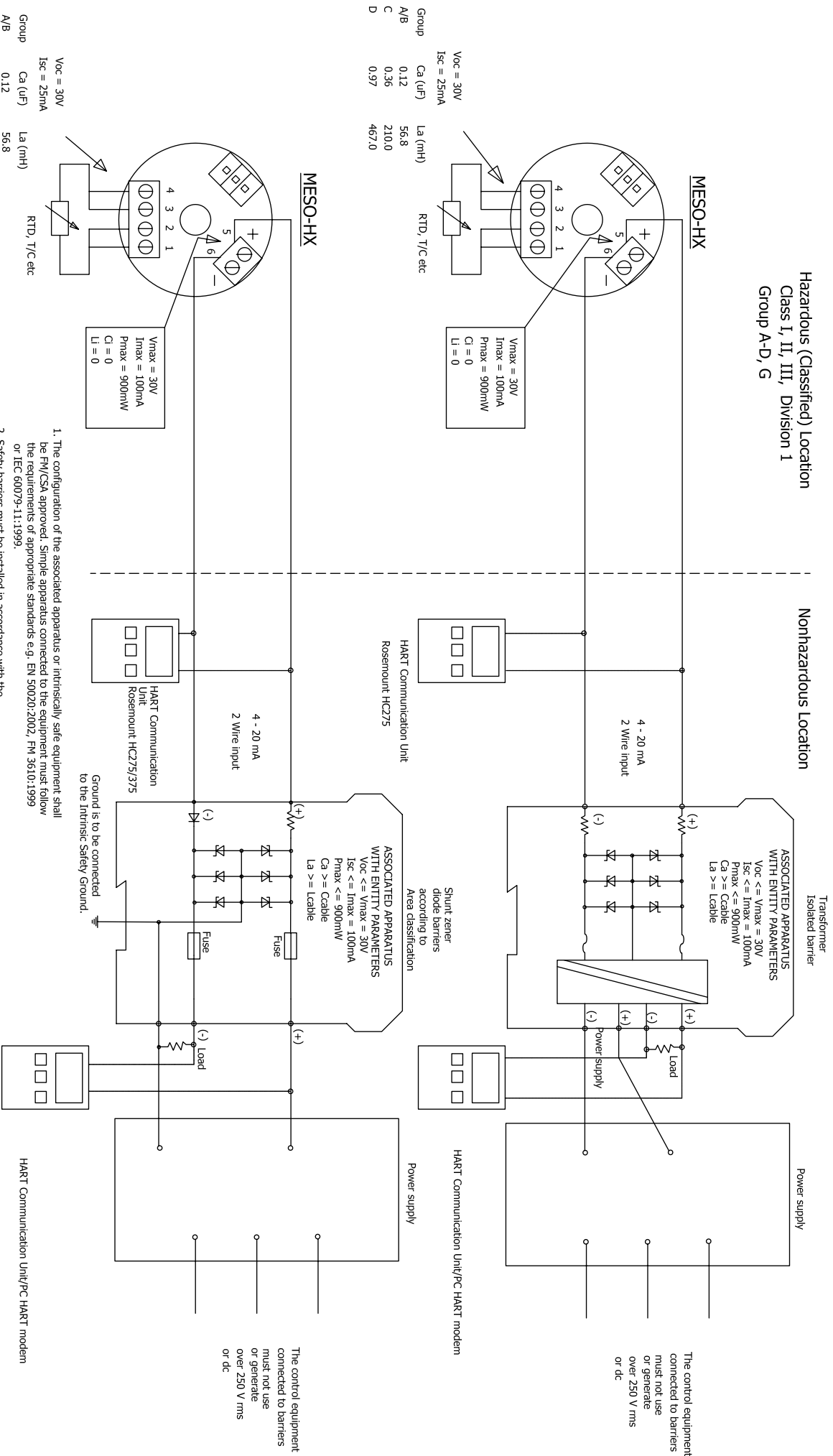


George A. Smith
Assistant Vice President
FM Approvals

10/21/05
Date

Hazardous (Classified) Location
Class I, II, III, Division 1
Group A-D, G

Nonhazardous Location



No revisions to drawing without prior FM/CSA approval.

Revision	Date	Comment	Approved by:
Rev E	060824	CSA added.	GP
Rev D	050928	Standards in note 1 edited.	GP
Rev C	990301	Edit HART Unit connection.	GP
Rev B	981125	The text is edited.	GP
Rev A	980217	Note 7 added etc.	GP

Det.no.	Quantity	Description	Material	Drawing no.	Article no.
		INTRINSIC SAFETY CONTROL DRAWING MESO-HX TEMPERATURE TRANSMITTER			General reference SS-ISO-2768-1 m General surface roughness for Ra 3.2 Projection:

Date:	Scale:	No. of sheets:	Drawing number:
980121	GP	1	3-7967

File	Desig. by:	Approved by:	Sheet:	Rev:
mek7967e	LB	GP	1	E