



FM Approvals
1151 Boston-Providence Turnpike
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

M67FM abcdSeLf. Infraducer.

IS / I, II, III / 1 / ABCDEFG / T4 Ta = 50°C

Entity Parameters: Vmax = 40 V; Imax = 120 mA; Pmax = 1.2 W ; Ci = 30.4 nF; Li = 0.

a = Temperature range -40-5400°F or -40-3000°C.

b = Spectral response A, B, D, E, F, H, K, L, M, P, Q or X.

c = Output type L or U.

d = Field of view ratio S or U.

e = Protective jacket I or J.

f = Aiming flange P or O.

Special conditions of use:

1. Option L = Lens air purge assembly and f = Aiming flange P of O combined length must exceed 80mm (3.15 inches) in length.

Equipment Ratings:

Intrinsically Safe for Class I, II, III, Division 1, Groups A, B, C, D, E, F, and G Temperature class T4 with a maximum ambient temperature of 50°C hazardous (classified) indoor locations.

Approved for:

Mikron Infrared, Inc.
Oakland, NJ 07436



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 3810	1989
Including Supplement # 1	1995

Original Project ID: 3015335

FM Approval Granted: June 17, 2003

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
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FM Global Technologies LLC

Nicholas P. Ludlam
Technical Team Manager

June 19, 2003
Date

