



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:

TraceTek TT-FFS-a-b Fast Fuel Sensor

IS / 1 / 1 / ABCD / T4 Ta = 60°C – 1027-0050

I / 0 / AEx ia IIC T4 Ta = 60°C – 1027-0050

NI / 1 / 2 / ABCD / T4 Ta = 60°C - 1027-0050: NIFW

I / 2 / IIC / T4 Ta = 60°C - 1027-0050: NIFW

Nonincendive field wiring parameters

V_{max} = 15V Ci = 0.18μF Li = 0

a = measuring length 100 or 250

b = Connector MC or L

Equipment Ratings:

Intrinsically safe for Class I, Division 1, Groups A, B, C and D and Class I, Zone 0, Group IIC, temperature Class T4 at an ambient of 60°C when installed in accordance with the Control Drawing 1027-0050.

Nonincendive for Class I, Division 2, Groups A, B, C and D and Class I, Zone 2, Group IIC, temperature Class T4 at an ambient of 60°C when installed in accordance with the Nonincendive Field Wiring concept and Control Drawing 1027-0050

FM Approved for:

Tyco Thermal Controls
Menlo Park, CA 94025

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

Class 3600	1998
Class 3610	1999
Class 3611	2004
Class 3810	2005

Original Project ID: 3025353

Approval Granted: *JUNE 8, 2006*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



Roger L. Allard
Assistant Vice President

JUNE 8, 2006
Date