

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**Solicap S FTI77-Lbcdefghij**

IS / I, II, III / 1 / A, B, C, D, E, F, G / T\* - 960009417; Entity\*; Type 4X / Type 6P, IP66 / IP67 / IP68;

NI / 1 / 2 / A, B, C, D / T\* - 960009417; NIFW\*; Type 4X / Type 6P, IP66 / IP67 / IP68; AEx ia IIC T6;

\*For Entity Parameters, Nonincendive Field Wiring Parameters, and temperature class reference control drawing 960009417.

For option g = 4 or 5 environmental rating is Type 6P and IP68.

**Solicap S FTI77-Mbcdefghij**

XP - AIS / 1 / 1 / A, B, C, D / T5 Ta = 70°C; Type 4X / Type 6P, IP66 / IP67 / IP68;

NI / 1 / 2 / A, B, C, D / T\* - 960009417; NIFW\*; Type 4X / Type 6P, IP66 / IP67 / IP68;

**Special condition of use:**

1. when the FEI50H and FEI55 Electronic Insert is installed in this version of the Solicap S Type FTI77, the connection module must be installed in the product.

**Solicap S FTI77-Nbcdefghij**

DIP-AIS / II, III / 1 / E, F, G / T5 Ta = 70°C; Type 4X / Type 6P, IP66 / IP67 / IP68

For option g = 4 or 5, environmental rating is Type 6P and IP68.

**Special condition of use:**

1. when the FEI50H and FEI55 electronic inserts are installed in this version of the Solicap S Type FTI77, the connection module must be installed in the product

Equipment Ratings:

Explosionproof with AIS outputs for use in Class I, Divisions 1, Groups A, B, C & D, T5 Ta = 70°C; IS Class I, II & III, Division 1, Groups A, B, C, D, E, F & G per control drawing 960009417; AEx ia IIC T6; NI Class I, Division 2, Groups A, B, C & D per control drawing 960009417; Dust Ignition Proof with Intrinsically Safe outputs, Class II & III, Division 1, Groups E, F & G, T5 Ta = 70°C, Type 4X or 6P, IP66, IP67, IP68; Hazardous (Classified) Locations

FM Approved for:

Endress & Hauser GmbH + Co. KG  
Hauptstrasse 1  
D-79689 Maulburg, Germany



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

Class 3600	1998
Class 3810	2005
Class 3615	1998
Class 3610	2007
Class 3611	2004
ANSI/NEMA 250	1991
ANSI/IEC 60529	2004

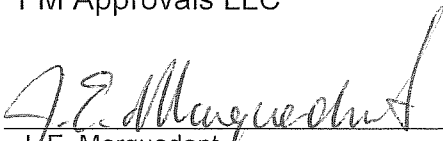
Original Project ID: 3036115

Approval Granted: August 13, 2009

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

  
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J.E. Marquedant  
Group Manager Electrical

13 August 2009  
Date