



FM Approvals
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Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

IM21-14Ex-CDTRi. Rotational Speed Monitor

AIS / I, II, III / 1 / ABCDEFG – IS-1.115; Entity*;

I / 0 / AEx [ia] / IIC – IS-1.115; Entity*;

NI / I / 2 / ABCD / T5; $-25\text{ °C} \leq T_a \leq +70\text{ °C}$

*For Entity Parameters reference Control Drawing IS-1.115

Special Conditions of Use:

1. Shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application, including a tool removable cover.

IM33-FSD-Ex/L. Fire and Smoke Detector Repeater

AIS / I, II, III / 1 / ABCDEFG – IS-1.115; Entity*;

I / 0 / AEx [ia] / IIC – IS-1.104; Entity*;

NI / I / 2 / ABCD / T5; $-25\text{ °C} \leq T_a \leq +70\text{ °C}$

For Entity Parameters reference Control Drawing IS-1.104

Special Conditions of Use:

1. Shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application, including a tool removable cover.

Equipment Ratings:

Associated Apparatus with Intrinsically Safe connections to Class I, II & III, Division 1, Groups A, B, C, D, E, F & G and connection to Class I, Zone 0, Groups IIC, in accordance with the Control Drawing, and Nonincendive for use in Class I, Division 2, Groups A, B, C, and D Hazardous (Classified) Locations



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FM Approved for:

Turck Inc.
Plymouth, MN



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

Class 3600	1998
Class 3610	2007
Class 3611	2004
Class 3810	2005

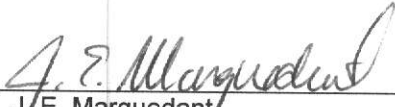
Original Project ID: 3036717

Approval Granted: April 6, 2010

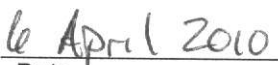
Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



J.E. Marquedant
Group Manager, Electrical



6 April 2010
Date