



FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

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 / Ex [ja] / IIC – IS-1.115; Entity*;

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

*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-1.104; Entity*;

I / 0 / Ex [ja] / IIC – IS-1.104; Entity*;

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

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

FM Approved for:

Turck Inc.
Plymouth, MN



Member of the FM Global Group

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

CSA C22.2 No. 213 1987
CSA C22.2 No. 142 1987

Original Project ID: 3036717C

Approval Granted: April 6, 2010

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
---------------	------	---------------	------

FM Approvals LLC

J.E. Marquedant
Group Manager, Electrical

6 April 2010
Date