



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx UL 16.0131X Issue No: 0 Certificate history:
Issue No. 0 (2016-12-05)

Status: **Current** Page 1 of 3

Date of Issue: **2016-12-05**

Applicant: **Dwyer Instruments Inc.**
102 Indiana Highway 212
Michigan City, IN 46360
United States of America

Equipment: **PMT2 - Particulate Transmitter**
Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking:
Ex ia IIB T4 Ga
Ex ia IIIC T120°C Da

-40°C ≤ Tamb ≤ +63°C

*Approved for issue on behalf of the IECEx
Certification Body:*

Paul T. Kelly

Position:

Principal Engineer - Global Hazardous Locations

*Signature:
(for printed version)*

Date:

2016-12-05

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: Proximity Controls Inc. A Div. of Dwyer Instruments Inc.
1431 State Highway 210 East
Fergus Falls, MN 56537
United States of America

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[US/UL/ExTR16.0155/00](#)

Quality Assessment Report:

[CA/CSA/QAR09.0006/08](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Model PMT2 is a permanently installed particulate transmitter powered by two associated apparatus with corresponding entity parameters.

See Annex for additional details.

CONDITIONS OF CERTIFICATION: YES as shown below:

Warning - Enclosure contains aluminium. Care must be taken to avoid hazard due to impact or friction.

Annex:

[Annex to IECEx UL 16.0131X Issue 0.pdf](#)

Nomenclature for PMT2 Series

PMT2 – 03 – A – A2 – MT

I. II. III. IV. V.

- I. Series Designation
 - PMT2

- II. Probe Length
 - XX - Up to 2 numeric characters defining probe insertion length (maximum 36" [914mm]).

- III. Process Connection
 - A - $\frac{3}{4}$ " Male NPT
 - B - 1.5" Tri-Clamp with 1" NPT Male
 - C - $\frac{3}{4}$ " Male BSPT
 - D - 1.5" TRI-Clamp with 1" BSPT Male

- IV. Rating Designation
 - A2 - ATEX / IECEx

- V. Options
 - M2 - M20 Electrical Entries
 - ST - Stainless Steel Tag