



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.:	IECEx TRC 15.0006X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 1	Issue 0 (2015-08-18)
Date of Issue:	2024-04-29		
Applicant:	Control Devices Inc 1801 North Juniper Avenue Broken Arrow Oklahoma 74012 United States of America		
Equipment:	PIG TRAXALL Transmitter Family- X300 and X400		
Optional accessory:			
Type of Protection:	Flameproof		
Marking:	Ex d IIB+H2 T5 Gb		

Approved for issue on behalf of the IECEx
Certification Body:

S P Winsor

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

Element Materials Technology
Unit 1 Pendle Place
Skelmersdale
West Lancashire





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Date of issue: 2024-04-29

Issue No: 1

Manufacturer: **Control Devices Inc.**
1801 North Juniper Avenue
Broken Arrow
Oklahoma 74012
United States of America

Manufacturing
locations:

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 equipment 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 60079-1:2007 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

This Certificate **does not** indicate compliance with 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:

GB/TRC/ExTR15.0006/00

Quality Assessment Report:

GB/EMT/QAR24.0001/00



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The CDI Traxall X400 and X300 are battery powered electromagnetic pipeline pig tracking transmitters with variable frequency and power (Limited between 17Hz and 32Hz). They consist of a stainless steel tube containing the batteries and transmitter electronics with removable threaded end-caps forming a flameproof enclosure.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Batteries to be used with equipment are to be Duracell Procell PC 1400/1300 or ElectroChem 3B0030/3B0035 only.
2. Batteries used shall be of the same type. Battery chemistries must not be mixed.
3. Do not open when an explosive gas atmosphere may be present.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Administrative change only to link CoC to new IECEx QAR.

Annex:

[Annex to CoC IECEx TRC 15.0006X Iss 1.pdf](#)



Element Materials Technology,
Unit 1, Pendle Place,
Skelmersdale,
West Lancashire, WN8 9PN,
United Kingdom

Annex to IECEx Certificate of Conformity

IECEx TRC 15.0006X issue No.: 1

Model designation					
Model	Length (mm)	Diameter (mm)	Material	Max. Line Pressure (psi)/(bar)	Cell type
X300-2C	151.51	50.51	304L Stainless Steel	2500 / 172	Duracell Procell PC 1400 or ElectroChem 3B0030
X300-3C	199.93	50.51		2500 / 172	Duracell Procell PC 1400 or ElectroChem 3B0030
X300-4C	249.13	50.56		2500 / 172	Duracell Procell PC 1400 or ElectroChem 3B0030
X300-5C	298.33	50.51		2500 / 172	Duracell Procell PC 1400 or ElectroChem 3B0030
X400-2D	169.88	67.07		2500 / 172	Duracell Procell PC 1300 or ElectroChem 3B0035
X400-3D	229.41	67.07		2500 / 172	Duracell Procell PC 1300 or ElectroChem 3B0035
X400-4D	290.4	67.07		2500 / 172	Duracell Procell PC 1300 or ElectroChem 3B0035
X400-5D	350.23	66.55		2500 / 172	Duracell Procell PC 1300 or ElectroChem 3B0035

Manufacturer's Documents			
Title:	Drawing No.:	Rev. Level:	Date:
89-17-0001-01 REV. E ATEX Compliance of the X300-2C Multi-Frequency TRAXALL Transmitter	89-17-0001-01 Pages 1 to 43	E	2015-08-04
89-17-0002-01 REV. E ATEX Compliance of the X300-3C Multi-Frequency TRAXALL Transmitter	89-17-0002-01 Pages 1 to 15	E	2015-08-04
89-17-0003-01 REV. E ATEX Compliance of the X300-4C Multi-Frequency TRAXALL Transmitter	89-17-0003-01 Pages 1 to 15	E	2015-08-04
89-17-0004-01 REV. E ATEX Compliance of the X300-5C Multi-Frequency TRAXALL Transmitter	89-17-0004-01 Pages 1 to 42	E	2015-08-04
89-17-0005-01 REV. F ATEX Compliance of the X400-2D Multi-Frequency TRAXALL Transmitter	89-17-0005-01 Pages 1 to 42	F	2015-08-04
89-17-0006-01 REV. E ATEX Compliance of the X400-3D Multi-Frequency TRAXALL Transmitter	89-17-0006-01 Pages 1 to 15	E	2015-08-04
89-17-0007-01 REV. E ATEX Compliance of the X400-4D Multi-Frequency TRAXALL Transmitter	89-17-0007-01 Pages 1 to 15	E	2015-08-04
89-17-0008-01 REV. F ATEX Compliance of the X400-5D Multi-Frequency TRAXALL Transmitter	89-17-0008-01 Pages 1 to 42	F	2015-08-04
89-17-0009-01 X300-2C HAZARDOUS AREA CERTIFICATION	89-17-0009-01 Page 1 of 1	E	2015-08-05
89-17-0010-01 X300-3C HAZARDOUS AREA CERTIFICATION	89-17-0010-01 Page 1 to 2	E	2015-08-05
89-17-0011-01 X300-4C HAZARDOUS AREA CERTIFICATION	89-17-00011-01 Page 1 of 2	E	2015-08-05
89-17-0012-01 X300-5C HAZARDOUS AREA CERTIFICATION	89-17-0012-01 Page 1 to 2	E	2015-08-05
89-17-0013-01 X400-2D HAZARDOUS AREA CERTIFICATION	89-17-0013-01 Page 1 of 1	E	2015-08-05
89-17-0014-01 X400-3D HAZARDOUS AREA CERTIFICATION	89-17-0014-01 Page 1 to 2	E	2015-08-05
89-17-0015-01 X400-4D HAZARDOUS AREA CERTIFICATION	89-17-0015-01 Page 1 to 2	E	2015-08-05

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IECEx TRC 15.0006X issue No.: 1

Manufacturer's Documents			
Title:	Drawing No.:	Rev. Level:	Date:
89-17-0016-01 X400-5D HAZARDOUS AREA CERTIFICATION	89-17-0016-01 Page 1 to 2	E	2015-08-05
89-17-0017-01 X300-2C ATEX BILL OF MATERIAL	89-17-0017-01	A	2015-05-22
89-17-0018-01 X300-3C ATEX BILL OF MATERIAL	89-17-0018-01	A	2015-05-22
89-17-0019-01 X300-4C ATEX BILL OF MATERIAL	89-17-0019-01	A	2015-05-22
89-17-0020-01 X300-5C ATEX BILL OF MATERIAL	89-17-0020-01	A	2015-05-22
89-17-0021-01 X400-2D ATEX BILL OF MATERIAL	89-17-0021-01	A	2015-05-22
89-17-0021-01 X400-3D ATEX BILL OF MATERIAL	89-17-0022-01	A	2015-05-22
89-17-0023-01 X400-4D ATEX BILL OF MATERIAL	89-17-0023-01	A	2015-05-22
89-17-0024-01 X400-5D ATEX BILL OF MATERIAL	89-17-0024-01	A	2015-05-22
TRAXALL X300-SERIES TRANSMITTER USER GUIDE_ATEX-IECEx	89-09-0039-00 Pages 1 to 36	N/A	2015-08-03
TRAXALL X400-SERIES TRANSMITTER USER GUIDE_ATEX-IECEx	89-09-0040-00 Pages 1 to 36	N/A	2015-08-03

* Denotes information not provided by manufacturer



Attention is drawn to the operating and installation instructions which may contain useful information in relation to conditions of use.