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 14.0028X	Issue No: 3	Certificate history:
			Issue No. 3 (2016-05-24)
Status:	**Current**	Page 1 of 4	Issue No. 2 (2015-06-12)
			Issue No. 1 (2015-01-31)
Date of Issue:	**2016-05-24**		Issue No. 0 (2014-05-12)

Applicant: **Magnetek, Inc.**
N49 W13650 Campbell Drive
Menomonee Falls, WI 53051
United States of America

Electrical Apparatus: **Handheld transmitter, XLTX and MLTX2**
Optional accessory:

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

Marking:
Ex ia IIC T3/T4 Ga

Approved for issue on behalf of the IECEx Certification Body: Katy A. Holdredge

Position: Senior Staff Engineer

Signature:
(for printed version)

Date:

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.

Certificate issued by:

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

IECEx Certificate of Conformity

Certificate No:	IECEx UL 14.0028X	Issue No: 3
Date of Issue:	**2016-05-24**	Page 2 of 4
Manufacturer:	**Magnetek, Inc.** N49 W13650 Campbell Drive Menomonee Falls, WI 53051 **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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2006 Edition:2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

*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/ExTR14.0043/03

Quality Assessment Report:

US/UL/QAR13.0009/01

IECEx Certificate of Conformity

Certificate No: IECEx UL 14.0028X Issue No: 3

Date of Issue: 2016-05-24 Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The XLTX/MLTX2 Transmitter is a family of handheld portable wireless controllers. The transmitter contains various finger operated switches and controllers for remote control of machinery. The devices are powered by Magnetek battery pack Part No. BT131-0, that is replaceable in the hazardous location.

See Annex for additional information.

CONDITIONS OF CERTIFICATION: YES as shown below:

The XLTX and MLTX2 both have a maximum measured capacitance between exposed metal parts of 13 pF. Caution must be taken to avoid electrostatic discharge. Please see specific conditions of safe use in the instruction manual for additional details.

IECEx Certificate of Conformity

Certificate No:	IECEx UL 14.0028X	Issue No: 3
Date of Issue:	**2016-05-24**	Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: The changes include changes to the XLTX housing / battery pack and retesting for IP46 rating. Addition of new instruction manual to replace old manuals. Addition of LCD display unit to devices.

Issue 2: Minor design and documentation update not affecting the safety of the product.

Issue 3: Increased maximum ambient temperature. Minor updates to documentation.

Annex:

Annex to IECEx UL 14.0028X Issue 3.pdf

Nomenclature for type:

XLTX Series: Model No. HAZ01- F12 – followed by 20- or 40-, followed by any numbers or letters denoting different configuration of accessories.

MLTX2 Series: Model No. HAZ02- followed by any numbers or letters denoting different configuration of accessories.

Temperature range

Model	Ambient Temperature Range	Temperature Code	Cells Used in Battery Pack Part No. BT131-0
XLTF-F12-20 Series	-20°C to +40°	T4	Duracell MN1500, Duracell PC1500, Energizer E91, Panasonic LR6XWA, Rayovac 815
	-20°C to +60°	T4	Duracell MN1500
	-20°C to +60°	T3	Duracell MN1500, Energizer E91, Panasonic LR6XWA
XLTF-F12-40 Series	-40°C to +40°	T4	Duracell MN1500, Duracell PC1500, Energizer E91, Panasonic LR6XWA, Rayovac 815
	-40°C to +60°	T4	Duracell MN1500
	-40°C to +60°	T3	Duracell MN1500, Energizer E91, Panasonic LR6XWA
MLTX2 Series	-40°C to +40°	T4	Duracell MN1500, Duracell PC1500, Energizer E91, Panasonic LR6XWA, Rayovac 815
	-40°C to +60°	T4	Duracell MN1500
	-40°C to +60°	T3	Duracell MN1500, Energizer E91, Panasonic LR6XWA