



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 UL 14.0028X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 4 Issue 3 (2016-05-24)
Date of Issue: 2020-03-18 Issue 2 (2015-06-12)
Issue 1 (2015-01-31)
Issue 0 (2014-05-12)
Applicant: **Magnetek, Inc.**
N49 W13650 Campbell Drive
Menomonee Falls, WI 53051
United States of America
Equipment: **Handheld transmitter, XLTX Series and MLTX2 Series**
Optional accessory:
Type of Protection: **Intrinsic Safety "ia"**
Marking: Ex ia IIC T3/T4 Ga
Please see Annex for Temperature Ranges

Approved for issue on behalf of the IECEx
Certification Body:

Erin LaRocco

Position:

Staff Engineer

Signature:
(for printed version)

Erin LaRocco

Date:

2020-03-18

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:

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





IECEX Certificate of Conformity

Certificate No.: **IECEX UL 14.0028X**

Page 2 of 4

Date of issue: 2020-03-18

Issue No: 4

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

Additional
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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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 Reports:

[US/UL/ExTR14.0043/00](#)
[US/UL/ExTR14.0043/03](#)

[US/UL/ExTR14.0043/01](#)
[US/UL/ExTR14.0043/04](#)

[US/UL/ExTR14.0043/02](#)

Quality Assessment Report:

[US/UL/QAR13.0009/04](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX UL 14.0028X**

Page 3 of 4

Date of issue: 2020-03-18

Issue No: 4

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The XLTX/MLTX2 Transmitters are 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.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: 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**

Page 4 of 4

Date of issue: 2020-03-18

Issue No: 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.

Issue 4: Manufacturer made minor changes to mechanical drawing. Due to similarities of components, intrinsic safety was not affected.

Annex:

[Annex to IECEX UL 14.0028X Issue 4.pdf](#)



IECEX Certificate of Conformity

Certificate No.: IECEx UL 14.0028X

Issue No.: 4

Page 1 of 3

TYPE DESIGNATION

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.

PARAMETERS RELATING TO THE SAFETY

XLTX powered by 1 battery pack Part No. BT131-0.

MLTX2 powered by 1 battery pack Part No. BT131-0.

Battery Pack Part No. BT131-0 holds four AA batteries in series.

Approved cells: Duracell MN1500, Duracell PC1500, Energizer E91, Panasonic LR6XWA and Rayovac 815.

Temperature range

Model	Ambient Temperature Range	Temperature Code	Cells Used in Battery Pack Part No. BT131-0
XLTX-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
XLTX-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



IECEx Certificate of Conformity

Certificate No.: IECEx UL 14.0028X

Issue No.: 4

Page 2 of 3

MARKING

Marking has to be readable and indelible; it has to include the following indications:

XLTX-F12-20 (IECEx Only):

 MAGNETEK N49 W13650 Campbell Drive Menomonee Falls, WI 53051	XLTX SERIAL #: <u>12345678901234567890</u>	MODEL #: HAZ01-F12-20- <u>1234567890123456789012345</u> <u>1234567890123456789012345</u> <u>1234567890123456789012345</u>
	PART #: <u>12345678901234567890</u>	
IECEx UL 14.0028 X Ex ia IIC T3/T4 Ga	FCC ID: TNE-900LMA1 IC: 6145A-900LMA1	
WARNING- USE ONLY MAGNETEK REPLACEABLE BATTERY PACK MODEL BT131-0	T3: -20°C ≤ Ta ≤ +60°C; T4: -20°C ≤ Ta ≤ +40°C; See Instruction Manual for more details	198-80202-1036 MADE IN USA

XLTX-F12-20 (ATEX/IECEx):

 MAGNETEK N49 W13650 Campbell Drive Menomonee Falls, WI 53051	XLTX SERIAL #: <u>12345678901234567890</u>	MODEL #: HAZ01-F12-20- <u>1234567890123456789012345</u> <u>1234567890123456789012345</u> <u>1234567890123456789012345</u>
	PART #: <u>12345678901234567890</u>	
 II 1 G Ex ia IIC T3/T4 Ga DEMKO 14 ATEX 1350799X IECEx UL 14.0028 X Ex ia IIC T3/T4 Ga	FCC ID: TNE-430LMA1 IC: 6145A-430LMA1	
WARNING- USE ONLY MAGNETEK REPLACEABLE BATTERY PACK MODEL BT131-0	T3: -20°C ≤ Ta ≤ +60°C; T4: -20°C ≤ Ta ≤ +40°C; See Instruction Manual for more details	198-80202-1019 MADE IN USA

XLTX-F12-40 (IECEx Only):

 MAGNETEK N49 W13650 Campbell Drive Menomonee Falls, WI 53051	XLTX SERIAL #: <u>12345678901234567890</u>	MODEL #: HAZ01-F12-40- <u>1234567890123456789012345</u> <u>1234567890123456789012345</u> <u>1234567890123456789012345</u>
	PART #: <u>12345678901234567890</u>	
IECEx UL 14.0028 X Ex ia IIC T3/T4 Ga	FCC ID: TNE-900LMA1 IC: 6145A-900LMA1	
WARNING- USE ONLY MAGNETEK REPLACEABLE BATTERY PACK MODEL BT131-0	T3: -40°C ≤ Ta ≤ +60°C; T4: -40°C ≤ Ta ≤ +40°C; See Instruction Manual for more details	198-80202-1037 MADE IN USA

XLTX-F12-40 (ATEX/IECEx):

 MAGNETEK N49 W13650 Campbell Drive Menomonee Falls, WI 53051	XLTX SERIAL #: <u>12345678901234567890</u>	MODEL #: HAZ01-F12-40- <u>1234567890123456789012345</u> <u>1234567890123456789012345</u> <u>1234567890123456789012345</u>
	PART #: <u>12345678901234567890</u>	
 II 1 G Ex ia IIC T3/T4 Ga DEMKO 14 ATEX 1350799X IECEx UL 14.0028 X Ex ia IIC T3/T4 Ga	FCC ID: TNE-430LMA1 IC: 6145A-430LMA1	
WARNING- USE ONLY MAGNETEK REPLACEABLE BATTERY PACK MODEL BT131-0	T3: -40°C ≤ Ta ≤ +60°C; T4: -40°C ≤ Ta ≤ +40°C; See Instruction Manual for more details	198-80202-1035 MADE IN USA



IECEx Certificate of Conformity

Certificate No.: IECEx UL 14.0028X

Issue No.: 4

Page 3 of 3

MLTX2 (IECEx Only):

 MAGNETEK N49 W13650 Campbell Drive Menomonee Falls, WI 53051	MLTX2	MODEL #: HAZ02-F12 -40-
		1234567890123456789012345 6789012345678901234567890
IECEx UL 14.0028 X Ex ia IIC T3/T4 Ga T3: -40°C ≤ Ta ≤ +60°C; T4: -40°C ≤ Ta ≤ +40°C; See Instruction Manual for more details		
USE ONLY MAGNETEK REPLACEABLE BATTERY PACK: MAGNETEK, INC. MODEL BT131-0		
FCC ID: TNE-900LMA1	IC: 6145A-900LMA1	198-80202-2028

MLTX2 (ATEX/IECEx):

 MAGNETEK N49 W13650 Campbell Drive Menomonee Falls, WI 53051	MLTX2	MODEL #: HAZ02-F12 -40-
		1234567890123456789012345 6789012345678901234567890
 0344	 II 1 G	II 1 G Ex ia IIC T3/T4 Ga DEMKO 14 ATEX 1350799X IECEx UL 14.0028 X Ex ia IIC T3/T4 Ga T3: -40°C ≤ Ta ≤ +60°C; T4: -40°C ≤ Ta ≤ +40°C; See Instruction Manual for more details
USE ONLY MAGNETEK REPLACEABLE BATTERY PACK: MAGNETEK, INC. MODEL BT131-0		
FCC D: TNE-430LMA1	IC: 6145A-430LMA1	198-80202-2018