

EU-TYPE EXAMINATION CERTIFICATE



- [1]
- [2]
- [3]
- [4]
- [5]
- [6]
- [7]
- [8]
- [9]
- [10]
- [11]
- [12]

**Equipment or Protective System intended for use
in Potentially Explosive Atmospheres
Directive 2014/34/EU**

EU-Type Examination Certificate Number: **DEMKO 14 ATEX 1350799X Rev. 3**

Product: **XLTX and MLTX2 Handheld Transmitters**

Manufacturer: **Magnetek, Inc.**

Address: **N49 W13650 Campbell Drive, Menomonee Falls, WI 53051 USA**

This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. **4787148700**

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013 EN 60079-11:2012 EN 60079-26:2007

If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.

The marking of the equipment or protective system shall include the following:

II 1 G Ex ia IIC T3/T4 Ga

Certification Manager
Jan-Erik Storgaard

This is to certify that the sample(s) of the Equipment described herein ("Certified Equipment") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Equipment Certification Program Requirements. This certificate and test results obtained apply only to the equipment sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured equipment. UL has not established Follow-Up Service or other surveillance of the equipment. The Manufacturer is solely and fully responsible for conformity of all equipment to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2014-05-15
Re-issued: 2016-05-24



Notified Body UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[13]

[14]

Schedule
EU-TYPE EXAMINATION CERTIFICATE No.
DEMKO 14 ATEX 1350799X Rev. 3
Report: 4787148700

[15]

Description of Equipment or protective system

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.

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
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

Electrical data

Intrinsically safe specifications:

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.

Routine tests

None.

[16]

Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

[17]

Specific conditions of use:

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.

[18]

Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

[13]

[14]

Schedule
EU-TYPE EXAMINATION CERTIFICATE No.
DEMKO 14 ATEX 1350799X Rev. 3
Report: 4787148700

Additional information

The XLTX has in addition passed the tests for Ingress Protection to IP 46 in accordance with EN60529:1991+A1:2000+A2:2013.
The MLTX2 has in addition passed the tests for Ingress Protection to IP 66 in accordance with EN60529:1991+A1:2000+A2:2013.
The Battery Pack, BT131-0, has in addition passed the tests for Ingress Protection to IP 66 in accordance with EN60529:1991+A1:2000+A2:2013.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.