

EU-TYPE EXAMINATION CERTIFICATE

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

- EU-Type Examination Certificate Number:** ETL22ATEX0283X **Issue 00**
- Product:** RC1010 Battery operated wireless remote tank level monitor
- Manufacturer:** Otodata Wireless Network Inc.
- Address:** 1180 De Louvain Street West
Montreal, QC H4N 1G5
Canada
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing Services NA Ltd., Notified Body number 2903 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018; Incorporating corrigendum January 2020 and EN 60079-11:2012; Incorporating corrigendum January 2012 except in respect of those requirements referred to within item 14 of the Schedule.
- If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of 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 this certificate.
- The marking of the product shall include the following:

II 1 G



Ex ia IIC T4 Ga

-40°C ≤ Ta ≤ 60°C

Certification Officer: _____

Todd L. Relyea
12 July 2023 202305096234

Todd L. Relyea

Date: _____

12 July 2023

SCHEDULE:

EU-Type Examination Certificate

ETL22ATEX0283X Issue 00

11. Description of Equipment or Protective System

This report documents the assessment of the RC1010 Battery operated wireless remote tank level monitor. The device is a low energy sensor which will be installed onto a intrinsically safe apparatus or a simple apparatus that is installed onto a propane tank. It will read the tank level data from that apparatus and transmit the information via Bluetooth to a monitor. The product is encapsulated and provides intrinsically safe output with the following entity parameters.

$U_o = 3.9V$

$I_o = 218mA$

$P_o = 181mW$

$C_o = 38.98\mu F$

$L_o = 188.98\mu H$

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

12. Report Number

Intertek Report: 105096234EDM-003 Issue: 00 Dated: 21 June 2023

13. Special Conditions of Certification

(a). Special Conditions of Use

- Under certain extreme conditions, the non-metallic parts incorporated in the enclosure of this equipment may generate an ignition-capable level of electrostatic charge. Therefore, the equipment shall not be installed in a location where the external conditions can cause build-up of electrostatic charge on such surfaces. In addition, the enclosure shall only be cleaned with a damp cloth.

(b). Routine Tests

- None

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 105096234EDM-003 Issue: 00 Dated: 21 June 2023

15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
RC1010 ASSEMBLY DRAWING	P0330-99D03X	0	2023/APR/06
RC1010 Material List	P0330-99X06X	0	2023-04-26
Rotarex BLE CAPACITIVE PROBE	C033-1R1-ECO-00-A01X	02	2023-05-10
ROTAREX MAIN SHELL	P0330-10D05X	0	2023/APR/06
ROTAREX TOP CAP	P0330-11D05X	0	2023/APR/06
RC1010 POTTING INSTRUCTIONS	P0333-50P02X	0	2023-06-02
RC1010 MAIN LABEL	P0330-12L01X	0	2023/05/11
C033-1R1 Material List (BOM)	C033-1R1-ECO-XX-X06X	0	2023-04-25
RC1010 INSTALLATION DRAWING	P0330-99D04X	00	2023-06-22

