



[1] **TYPE EXAMINATION CERTIFICATE**

27 March 2014

[2] For electrical equipment of Equipment Group II, equipment Category 3

[3] Type Examination Certificate Number: ProSoft: 253304-ATX-3

Equipment: ILX34-MBS232 and ILX34-MBS485
(rated for 55°C operation)

[4] Manufacturer: ProSoft Technology, Inc.

[5] Address: 5201 Truxtun Ave., 3rd Floor
Bakersfield CA 93309 USA

[6] The design of the equipment mentioned under [3] and any acceptable variations thereto are specified in the schedule to this Type Examination Certificate.

[7] Compliance with the Essential Health and Safety Requirements has been assured by compliance with IEC 60079-0:2011 and IEC 60079-15:2010.

[8] If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified under [13] in the schedule to this Type Examination Certificate.

[9] This Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

[10] The marking of the equipment mentioned under [4] shall include the following:

ILX34-MBS232 and ILX34-MBS485



II 3 G Ex nA IIc T6 Gc
0°C ≤ Ta ≤ 55 °C

[11] Description of equipment

Industrial wireless radio devices intended for industrial environments. Devices are DC powered and use a variety of communications protocols. See individual reports for further descriptions.



Nemko USA, Carlsbad, CA



[12] Test report

The proof of the explosion protection is explained in detail in the Test Report(s) 254456-ATX. The test documents are part of the test report and are listed there.

Summary of the test results

The industrial computer device equipment fulfills the requirements of explosion protection for Equipment Group II and Category 3 G in the type of protection non-sparking and/or energy limited apparatus for gases of Explosion Group II.

[13] Special Conditions for safe use (no X mark required)

Product is intended to be installed in an external enclosure that provides a minimum ingress protection of IP65, as described in Section 6.6 of EN/IEC 60079-15, unless the device enclosure inclusively meets these requirements.

Based on the findings of the assessment of the equipment to the requirements of IEC 60079-0:2011 and IEC 60079-15:2010, reports provided to manufacturer, and the results of the type testing, the product was found to meet all of the applicable requirements of the standards as described in the assessment.

Note that although IECEX reports were provided as supporting documents to this report, the reports were not issued by an IECEX Testing Laboratory or Certification Body, and IECEX certification is not implied.

Nemko USA
2210 Faraday Ave
Suite 150
Carlsbad CA 92008

A handwritten signature in blue ink, appearing to read 'Jeff Busch'.

Jeff Busch
Safety Lab Manager