




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 BKI 12.0001X	issue No.:0	Certificate history: _____
Status:	Current		
Date of Issue:	2012-01-30	Page 1 of 3	
Applicant:	Magnetrol International N.V Heikensstraat 6 9240 Zele Belgium		
Electrical Apparatus: Optional accessory:	Non contact radar level transmitter Model R82		
Type of Protection:	General requirements, Intrinsic safety		
Marking:	Ex ia IIC T4 Ga -40°C..+70°C		
Approved for issue on behalf of the IECEx Certification Body:	János Fejes		
Position:	managing director		
Signature: (for printed version)			
Date:	<u>2012-01-30</u>		

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](http://www.iecex.com).

Certificate issued by:

Testing Station for Explosion Proof Equipment
H 1037 BUDAPEST
MIKOVINY S.u. 2-4
Hungary





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Page 2 of 3

Manufacturer: **Magnetrol International N.V**
Heikensstraat 6 9240 Zele
Belgium

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 product 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 identifying documents, was found to comply with the following standards:

IEC 60079-0 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-11 : 2006 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition: 5

IEC 60079-26 : 2006 Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
Edition: 2

*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:

[HU/BKI/ExTR12.0001/00](#)

Quality Assessment Report:

[CA/CSA/QAR06.0004/06](#)

[NL/DEK/QAR11.0031/00](#)



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Certificate No.: IECEx BKI 12.0001X

Date of Issue: 2012-01-30

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

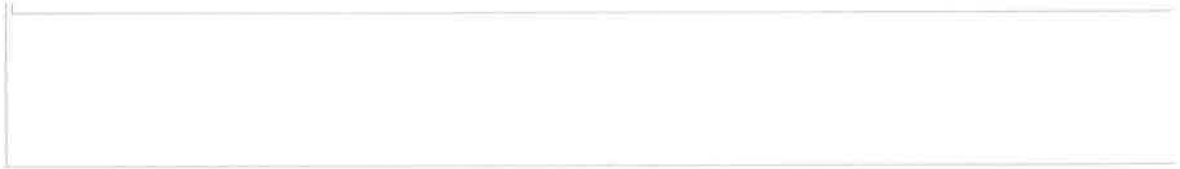
The non contact radar level transmitter model R82 is a intrinsically safe equipment, that can be installed and operated the hazardous area. Connected and powered from the isolator and intrinsically safe power supply located outside of the hazardous area. Transmitter is performed for transmission 4-20 mA with HART capable communication interface. The product fulfils the requirements of the protection level "ia" according to IEC 60079-11:2006.

See details in Addendum to IECEx BKI 12.0001 X.

CONDITIONS OF CERTIFICATION: YES as shown below:

For installation in explosive atmospheres caused by gases, vapours or mists, electrostatic charges on the non-metallic part of the non contact radar level transmitter model R82 must be prevented by the following terms for use:

1. Antenna must be installed on such way that guarantees sufficient prevention against electrostatic charge. It must be ensured that the level of liquid cannot reach the antenna.
2. Use a moist cloth to clean the surface of plastic enclosure.



Annexe: Addendum to IECEx BKI 12.0001 X.pdf