



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 08.0015	issue No.: 0	Certificate history:
Status:	Current		
Date of Issue:	2008-10-31	Page 1 of 3	
Applicant:	Magnetrol International N.V. Heikensstraat 6 B-9240 Zele Belgium Belgium		
Electrical Apparatus: Optional accessory:	Level transmitter type E3 Modulevel		
Type of Protection:	General requirements, Flameproof enclosure		
Marking:	Ex d IIC T6 Ga / Gb -40°C up to +70°C		
Approved for issue on behalf of the IECEX Certification Body:	Janos HANKO		
Position:	Director		
Signature: (for printed version)			
Date:	2008-10-31		

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



Ex



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Manufacturer: **Magnetrol International Inc.**
5300 Belmont Road
Downers Grove, IL 60515
U.S.A
United States of America

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 identification documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2001 Edition: 4	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'

*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/ExTR08.0014/00](#)

Quality Assessment Report:

[CA/CSA/QAR06.0004/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Standards:

IEC 60079-0:2007 Electrical apparatus for explosive atmosphere – Edition: 5 Part 0: General requirements
IEC 60079-1:2007 Electrical apparatus for explosive atmosphere – Edition: 4 Part 1: Flameproof enclosure “d”
IEC 60079-26:2006 Electrical apparatus for explosive atmosphere – Edition: 2 Part 26: Equipment with equipment protection level (EPL) Ga

CONDITIONS OF CERTIFICATION: NO

Annexe: [Addendum to IECEx BKI 08.0015 pdf](#)



1. Description

The level transmitter E3 Modulelevel consists of

- an aluminium alloy or stainless steel housing. Two covers of which one is provided with a window are screwed to this housing.
- an adaptor screwed on the base of the housing
- a cover screwed on the adaptor, inside a linear variable differential transformer is fitted (LVDT). This one detects and converts the movement of the level of the liquid into 4-20 mA signal or digital output (Hart, Fieldbus, Profibus).
- a tube made of stainless steel or hastelloy or monel, maintained on the adaptor by two blocking screws ensures the partitionwall between zone 0 and zone 1.

Each housing shall be equipped with certified, flameproof (Ex d IIC) cable entries.
The unused threaded holes shall be plugged with certified threaded plugs.

2. Type assortment

E3 X - X X X X - X X X

3. General parameters

3.1 Technical data

Electrical characteristics
Supply voltage: 24 VDC

4. Ambient temperature

-40°C up to +70°C

5. Ingress protection IP66 to IEC 60529

Drawings		
Report No. 0 07120	27 pages	2008.05.06
Ezmodu-d-04b		2008.02.13
Data sheet related to the cementing material		
The installation and operating manual ref. bulletin Nr. 48-640.0		2008.04.
099-7220	Modulelevel III	3 pages
ISSeP Test Report	07120	27
		2008.08.07
		2008.05.06