



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

Certificate No.:

IECEX ZLM 10.0003

issue No.:0

Certificate history: \_\_\_\_\_

Status:

Current

Date of Issue:

2010-12-15

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Applicant:

**Weka AG**  
Schuerlistr.8  
8344 Baeretswil  
**Switzerland**

Electrical Apparatus:  
*Optional accessory:*

**magnetic switch type 31130-NI/\* and type 31160-NI/\***

Type of Protection:

**Intrinsic Safety**

Marking:

**Ex ia IIC T6 Gb**  
**Ex iaD IIIC T85°C Db**

*Approved for issue on behalf of the IECEx  
Certification Body:*

Dipl.-Ing. Harald Zelm

*Position:*

Head of Certification Body

*Signature:  
(for printed version)*

*Date:*

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:

**ZELM Explosionsschutz GmbH**  
Siekgraben 56  
D-38124 Braunschweig  
Germany



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Manufacturer: **Weka AG**  
Schuerlistr. 8  
8344 Baeretswil  
Switzerland

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 products 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 identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2007-10</b> Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
<b>IEC 60079-11 : 2006</b> Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "I"
<b>IEC 61241-11 : 2005</b> Edition: 1	Electrical apparatus for use in the presence of combustible dusts - Part 11: Protection by intrinsic safety 'ID'

*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:

[DE/ZLM/ExTR10.0003/00](#)

Quality Assessment Report:

[DE/ZLM/QAR09.0001/00](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The magnetic switches type 31130-NI/\* and type 31160-NI/\* are for the generation of a signal at a level change of media.

Therefore the switch will be used together with a visual level indicator.

The type 31130-NI/\* uses an on/off switch, the type 31160-NI/\* uses a changeover switch.

The star (\*) indicates the length in meter of the permanently connected cable.

### CONDITIONS OF CERTIFICATION: NO

**Annexe:** [IECEXZLM100003-annex.pdf](#)