



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 PTB 13.0009 issue No.: 0 Certificate history: _____

Status: **Current**

Date of Issue: 2013-07-24 Page 1 of 3

Applicant: **nass magnet GmbH**
Eckenerstr. 4-6
30179 Hannover
Germany

Electrical Apparatus: **Valve solenoid, type 1262..**
Optional accessory:

Type of Protection: **Intrinsic safety, Dust protection by enclosure**

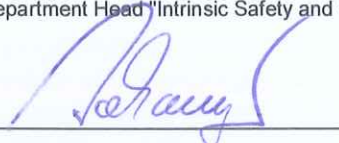
Marking: Ex ia IIC/IIB T6/T4 Ga and Ex tb IIIC T80 °C/T130 °C Db IP65

Approved for issue on behalf of the IECEx Certification Body: Dr.-Ing. U. Johannsmeyer

Position: Department Head "Intrinsic Safety and Safety of Systems"

Signature:
(for printed version)

Date:


2013-08-02

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:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany





Schedule

The valve solenoid of type 1262.. is an intrinsically safe apparatus intended for the application inside of hazardous areas of EPL Ga (flammable gases and vapours) and EPL Db (combustible dusts).

When the valve solenoid is applied in areas where the existence of combustible dusts has to be expected, the appropriate plug connector of type 6-11174-0101 shall be used to assure the type of protection.

Electrical data

Supply only for connection to a certified intrinsically safe circuit of type of protection Ex ia IIC

Maximum values:

$$U_i = 28 \text{ V}$$

$$I_i = 115 \text{ mA}$$

or

only for connection to a certified intrinsically safe circuit of type of protection Ex ia IIB

$$U_i = 32 \text{ V}$$

$$I_i = 195 \text{ mA}$$

L_i negligibly low
 C_i negligibly low

For relationship between type of equipment, temperature class as well as the electrical and thermal maximum values, reference is made to the following table:

Type 1262 00.1-.. through Type 1262 49.1-..	Temperature class	U_i / I_i	Permissible range of the ambient temperature	Ex tb
Ex ia IIC	T6	28 V / 115 mA	-40 ... 50 °C	T80 °C
Ex ia IIB	T6	32 V / 195 mA	-40 ... 50 °C	T80 °C

Type 1262 50.1-.. through Type 1262 99.1-..	Temperature class	U_i / I_i	Permissible range of the ambient temperature	Ex tb
Ex ia IIC	T4	28 V / 115 mA	-40 ... 85 °C	T130 °C
Ex ia IIB	T4	32 V / 195 mA	-40 ... 85 °C	T130 °C