

- [1] **1<sup>st</sup> Addition to  
EC-TYPE EXAMINATION CERTIFICATE IBExU05ATEX1035**  
according to Directive 94/9/EC, Annex III  
(Translation of 25 July 2011)



- [2] Equipment: **Burst sensor**  
Type GMG 12000KX
- [3] Manufacturer: SECATEC electronic GmbH
- [4] Address: Knappenstraße 152  
57581 Katzwinkel  
Germany

[5] **Addition/Modification**

The burst sensor mentioned in [2] can be marked also according to the changed standards. The electrical input parameters are changed:

Maximum values in type of protection Ex ib IIC resp. Ex ib IIIC

$$\begin{aligned}U_i &\leq 40 \text{ V} \\I_i &\leq 57 \text{ mA} \\L_i, C_i &\text{ negligible}\end{aligned}$$

[6] **Test report**

The proof of the explosion protection of the equipment mentioned in [2] is explained in the test report IB-10-3-092 of 19 April 2010. The test documents are part of the test report.

[7] **Test result**

IBExU certifies that the equipment mentioned in [2] has been found to comply with the essential health and safety requirements given in Annex II to the Directive 94/9/EC by compliance with EN 60079-0:2009 and E DIN IEC 60079-11:2008.

The equipment mentioned in [2] fulfils the requirements of the explosion protection for equipment of Group II, Category 2G respectively 2D in type of protection intrinsic safety.

The marking of the equipment shall include the following:

 II 2G Ex ib IIC T6 resp.

 II 2D Ex ib IIIC T80 °C IP6X

$$-25 \text{ °C} \leq T_a \leq +80 \text{ °C}$$

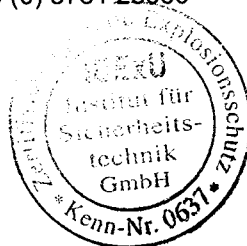
**This addition is only valid in combination with the EC-Type Examination Certificate IBExU05ATEX1035 of 16 February 2005.**

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Authorised for certifications  
- Explosion protection -

By order

(Dr. Wagner)



- Seal-  
(ID no. 0637)

Freiberg, 19 April 2010

Certificates without signature and seal are not valid.  
Certificates may only be duplicated completely and unchanged.  
In case of dispute, the German text shall prevail.