

[1] **EC-TYPE EXAMINATION CERTIFICATE**

according to Directive 94/9/EC, Annex III



(Translation)

[2] Equipment and Protective Systems intended for use in Potentially Explosive Atmospheres, Directive 94/9/EC

[3] EC-Type Examination Certificate Number: **IBExU13ATEX1125**

[4] Equipment: **Pressure switches and thermostates**  
Type SCH-Ex-... and TER-Ex-...

[5] Manufacturer: Kobold Messring GmbH

[6] Address: Nordring 22-24  
65719 Hofheim/Ts.  
Germany

[7] The design of the equipment mentioned under [4] and any acceptable variation thereto are specified in the schedule to this EC-Type Examination Certificate.

[8] IBExU Institut für Sicherheitstechnik GmbH, NOTIFIED BODY number 0637 in accordance with article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that the equipment mentioned under [4] has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The test results are recorded in the test report IB-13-3-199 of 25 November 2013.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012, EN 60079-1:2007 EN 60079-7:2007 and EN 60079-31:2009.

[10] If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified under [17] in the schedule to this EC-Type Examination Certificate.

[11] This EC-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this directive apply to the manufacture and supply of this equipment.

[12] The marking of the equipment mentioned in [4] shall include the following:

Type SCH-Ex-...      II 2G Ex d e IIC T6 Gb and II 1/2D Ex ta/tb IIIC T80 °C Da/Db  
-20 °C ≤ T<sub>a</sub> ≤ +60 °C

Type TER-Ex-...      II 2G Ex d e IIC T6 Gb and II 1/2D Ex ta/tb IIIC T80 °C Da/Db  
-20 °C ≤ T<sub>a</sub> ≤ +60 °C

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Authorised for certifications Explosion protection

By order

(Dr. Wagner)

Schedule



Freiberg, 25 November 2013

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.



Summary of the test results:

The pressure switches and thermostates type SCH-Ex-... and TER-Ex... fulfil the requirements of type of protection increased Safety in connection with flameproof switches for an electrical equipment of the Equipment Group II, Category 2G, Explosion Group IIC and protection by enclosures Category 1/2D or 2D, Explosion Group IIIC.

[17] **Special conditions**  
none

[18] **Essential Health and Safety Requirements**  
Confirmed by compliance with standards (see [9]).

By order

Freiberg, 25 November 2013



(Dr. Wagner)