

EC-Declaration of Conformity



The transmitters for concentration measurement of flammable and/or toxic gases as well as oxygen

**ExSens ...
(Article-No. 251...)**

with marking

CE₀₁₅₈ II 2G

ExSens ...-WT/IR/HL:

EEx d IIC T4 (-20 °C ≤ T_{amb} ≤ 60 °C)

ExSens ...-EC:

EEx d IIC T5 (-20 °C ≤ T_{amb} ≤ 49 °C)

EEx d IIC T4 (-20 °C ≤ T_{amb} ≤ 70 °C)

ExSens ...-KE:

EEx d IIC T6 (-20 °C ≤ T_{amb} ≤ 43 °C)

EEx d IIC T5 (-20 °C ≤ T_{amb} ≤ 58 °C)

EEx d IIC T4 (-20 °C ≤ T_{amb} ≤ 70 °C)

comply with the safety requirements of the following European Directives.

1. **Directive 94/9/EC** of the European Parliament and the Council of 23 March 1994 on the approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres

Applied European Standards:

EN 50014:1997 Electrical apparatus for potentially explosive atmospheres – General requirements (including amendments A1 and A2:1999)
EN 50018:2000 Electrical apparatus for potentially explosive atmospheres – Flameproof enclosure 'd' (including amendment A1:2002)

EC-type-examination certificate: BVS 04 ATEX E 066 X
Certificate about module VI : Conformity to Type BVS 04 ATEX ZQS/E238
Notified body 0158: DEKRA EXAM GmbH, Dinnendahlstr. 9, 44809 Bochum, Germany

2. **Directive EMC 89/336/EEC** on the approximation of the laws of the Member States relating to electromagnetic compatibility

Applied European Standards:

EN 50270:1999 Electromagnetic Compatibility: Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen
EN 61000-6-3:2001 Electromagnetic Compatibility (EMC) – Part 6-3: Generic standards –Emission standard for residential, commercial and light-industrial environments
EN 61000-6-4:2001 Electromagnetic Compatibility (EMC) – Part 6-4: Generic standards –Emission standard for industrial environments

This declaration applies for all devices which are produced according to the valid technical specification.

This declaration is given for the manufacturer

ExTox Gasmess-Systeme GmbH, Max-Planck-Str. 15a, 59423 Unna, Germany

signed by:

Ludger Osterkamp, Managing Director
Unna, 2007-05-03