



国家防爆

# Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Cer. No.: CNEx09.2159X

**Manufacturer** Detcon. Inc  
3200 Research Forest Drive, the Woodlands, TX77381, USA

**Name of Product** Toxic Gas or Oxygen Deficiency Sensor

**Type of Product** DM-700

**Marking** Exd[ib]ibIIC T4 -40°C ≤ Tamb ≤ +50°C

**Standard** -----

**Drawing No.** 3144-2

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:  
 GB3836.1-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 1: General Requirements  
 GB3836.2-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 2: Flameproof enclosure "d"  
 GB3836.4-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 4: Intrinsic safety "i"

**Note** See Annex.

**Valid Date** From Nov 03, 2009 to Nov 02, 2014

**Issue Date** Nov 03, 2009

**Director**



## CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS

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# CERTIFICATE OF CONFORMITY

Cer. No.: CNEx09.2159X

1. This product has got ATEX certificate (KEMA 06ATEX2153X, report number: 2085725).
2. This certificate can represent: type DM-700 and PI-700.
3. Electrical Data:  
 Input range: 11 to 30V dc, 50 mA (max)  
 Output: 4-20mA, RS-485 ModBus  
 Um=250V.
4. Special Conditions for safe use
  - The sensor shall be installed on a metallic grounded structure such as the final assembly assures that sensor enclose is bonded to ground.
  - The sensor common plane wire (black) shall be connected to ground in the final assembly.
  - Proper precautions shall be taken during installation, operation, maintenance and service of the product in order to avoid the build-up of static charges on the plastic splashguard.

**Valid Date** From Nov 03, 2009 to Nov 02, 2014

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**Director**

王军



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