

Your company

## ATEX II 3 G

### EC DECLARATION OF CONFORMITY DECLARATION OF COMPLIANCE

Issued by a competent authority in explosion safety

#### 2. DOCUMENT NO. ARTIDOR 04ATEX0332

3. European Community Declaration of conformity for Group II Category 3G equipment in accordance with Directive 94/9/EC.

4. We, Artidor b.v., Mient 16-b, NL-2903 LC Capelle a/d IJssel, the Netherlands herewith declare that:

5. The apparatus: Metra Vibration Velocity Sensor / Transmitter  
Type no.: KS80B/EXN  
Voltage: Nominal 12V to max. 30 V  
Current: Nominal 4 mA to max. 20 mA  
Serial no.: 4409  
Quantity: 1 piece

7. Applied by: Your company

8. Reviewed and modified by: Artidor b.v., Mient 16-b, NL-2903LC Capelle a/d IJssel

9. is in conformity with the provisions of the following European Community directives, including the latest amendments, and with national legislation implementing these directives:  
- 94/9/EC (ATEX) concerning equipment and protective Systems intended for use in potentially explosive atmospheres.


10. and that the following harmonized standard have been applied:  
- EN 50021:1999; Electrical apparatus for explosive atmospheres, Type of protection -n-

11. The apparatus above mentioned fulfils all requirements for Group II, Category 3G equipment in accordance with Directive 94/9/EC. The design and construction complies with the harmonized standards mentioned which incorporates construction requirements for Zone 2 gas hazardous area apparatus.  
The design is fully documented in the confidential Technical File ARTIDOR no. AS040903.

12. The apparatus in its modified and evaluated configuration is an explosion safe apparatus designed for use in Zone 2 gas hazardous locations classified in accordance with IEC 60079-10, provided Special Instructions for Safe Use, which could be described in this declaration, are carefully adhered to.



13. This declaration relates only to the examples which have been examined and marked by ARTIDOR.
14. The Vibration Velocity Sensor KS80B/EXN consists out of a robust stainless steel housing with potted integrated electronics and with a connection socket with plug. The equipment may be considered as energy limited.
15. In function it operates as an accelerometer in connection to an amplifier, however the latter was not part of the assessment and needs therefor to be installed outside the hazardous area.
16. The Vibration Velocity Sensor KS80B/EXN may only be used for its purpose as given by the manufacturer. All instructions mentioned in their documents must be strictly followed.
17. The required marking of the apparatus includes the distinctive community mark:

CE added by  II 3G

18. In addition, the marking includes the CENELEC code :

EEx nA II T6

with regard to the protection degree against ignition and temperature Class.

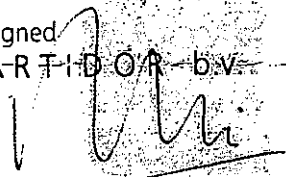
19. Manufacture is controlled by ARTIDOR Quality Assurance system in accordance with annex VIII of Directive 94/9/EC.
20. This declaration does not imply that the apparatus meets all statutory requirements in any particular industry or circumstance.

Technical construction file no.: AS040903

Capelle aan den IJssel, 6 September 2004  
Place and date.

Signed

ARTIDOR b.v.

  
W. van Dienenhoven  
Managing director and Quality Assurance Manager

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