



EC-Type Examination Certificate

(1)

(2)

Equipment or Protective Systems Intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC

(3) EC-Type Examination Certificate Number:

FTZÚ 03 ATEX 0074 U

(4) Component: **Model XD-AD, XD-Adwin, XD-ADEH, connection head
XD-ADF, XD-ADFwin, XD-ADFEH field transmitter housing**

(5) Manufacturer: **Počhalaňská Fabryka Aparatury Pomiarowej Limatherm, Sp. z o.o.**

(6) Address: **ul. Tarnowska 1, 34-600 Limanowa, Poland**

(7) This Component and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

03/0074 dated 27 April 2003

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:

EN 50014:1997+A1+A2 EN 50018:2000 EN 50 281-1-1:1998

The sign „U“ placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(10) This EC-TYPE EXAMINATION CERTIFICATE relates only to design, examination and testing of the specified component in accordance to the directive 94/9/EC. If applicable, further requirements of the Directive apply to the manufacture and supply of this component.

(11) The marking of the component shall include following:

 **II 2GD EEx d IIC**

This EC-Type Examination Certificate is valid till: **30 June 2008**

Responsible person:


Dipl. Ing. Sindler Jaroslav
Head of certification body



Date of issue: 27 June 2003

Number of pages: 1/3

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**Physical Technical Testing Institute
Ostrava-Radvanice**

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 03 ATEX 0074 U**

(15) Description of Component:

Connection heads are foreseen to accommodate DIN measuring inserts and temperature transmitters of temperature sensors working in hazardous areas.

The enclosure and cover are made of aluminium pressure die-casting (Mg<6%).

The cover is fixed to the body by thread M80x1,5. The cover is sealed by sealing "O" ring.

The threaded hole for flameproof cable gland M20x1,5, G1/2", 1/2"NPT or 3/4"NPT and prepared on the body of enclosure. The cylindrical smooth standard hole ϕ 6, 1H8 is made for thermowell sensor measuring insert or threaded hole M20x1,5, M24x1,5, G1/2", 1/2"NPT or 3/4"NPT.

The enclosure is coated by chemically resistant epoxy paint.

(16) Report No. : 03/0074

41 pages

(17) Schedule of Limitations:

17.1 -40°C <Tserv. >100°C pro XD-AD a XD-ADF

17.2 -40°C<Tserv. > 85°C pro XD-ADwin a XD-ADFwin

17.3 IP protection 66 + 68 – is depend on applied cable gland.

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9).

Responsible person:

Dipl. Ing. Sindler Jaroslav
Head of certification body



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