



Physical Technical Testing Institute  
Ostrava-Radvanice



## Supplement No. 1 to EC-Type Examination Certificate

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

(3) EC-Type Examination Certificate Number:

**FTZÚ 02 ATEX 0187X**

(4) Equipment: **Pressure transducer, type HMP 331 Exd**

(5) Manufacturer: **BD SENSORS s.r.o.**

(6) Address: **Hradištská 817, 687 08 Buchlovice, Czech Republic**

(7) This supplement of certificate is valid for prolongation of validity and for modification of certified product.

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirement, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfil by satisfying of following standards:

**EN 60079-0:2006**

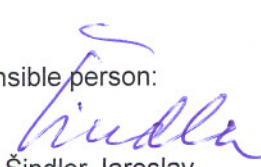
**EN 60079-1:2004**

(11) Marking of equipment designed according to this supplement shall contain symbols:

 **II 2G Ex d IIC T5**

(12) This type examination certificate is valid till: **02.06.2013**

Responsible person:

  
Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 02.06.2008

Number of pages: 2  
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(13)

Schedule

(14)

Supplement N° 1 to  
EC-Type Examination Certificate N° FTZÚ 02 ATEX 0187X

(15) Description of Equipment:

The pressure transducer type HMP 331 Exd in accordance with this supplement has new established range of ambient temperature from -20°C to +60°C, the modification was made in threaded holes for Ex cable glands assembly, thread PG 13,5 was changed to metric thread M20x1,5 and electronic transducer circuits were modified. All other parameters of the pressure transducer are identical with certified type parameters.

This supplement prolongs the certificate validity and verifies conformity with new editions of standards mentioned in clause 10 of this supplement.

(16) Report No.: 02/0187-1.

(17) Special conditions for safe use: The supplementary marking by symbol X is replaced by marking of special ambient temperature range on apparatus.

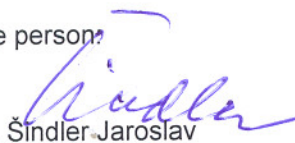
(18) Essential Health and Safety Requirements:

They are included in standards, which are mentioned in clause (10) of this certificate supplement. The product was approved in accordance with above mentioned standards and manufacturer instruction.

(19) List of documentation:

|                                |            |                                |            |
|--------------------------------|------------|--------------------------------|------------|
| Instruction for use HMP Exd    |            |                                | 05/2008    |
| Drawings and Schematics:       |            |                                |            |
| 11.700.155, Change B) 27.05.08 | 20.05.2000 | 11.700.121                     | 26.05.1998 |
| 11.705.150                     | 15.05.2000 | 11.700.142, Change A) 02.05.07 | 01.08.1997 |
| 11.710.150                     | 15.05.2000 | 11.700.148, Change B) 08.04.08 | 05.10.2007 |
| 11.720.150                     | 22.03.2000 | 11.710.141, Change C) 05.02.07 | 30.03.2000 |
| 13.700.150                     | 26.03.1997 | ES.700.009                     | 09.10.2003 |
| 11.705.140, Change A) 20.06.02 | 22.03.2000 | EL.830.002                     | 07.04.2005 |
| 11.710.140, Change A) 20.06.02 | 22.03.2000 | EL.830.004                     | 22.06.2005 |
| 11.720.140, Change A) 20.06.02 | 22.03.2000 | EL.830.005                     | 15.11.2005 |
| 13.700.140, Change A) 24.06.02 | 26.03.1997 | EL.240.202                     | 26.02.1998 |
| 11.700.110_A                   | 09.09.2002 | EL.240.204                     | 01.09.1997 |
| 11.700.112                     | 01.02.2006 | EL.240.205                     | 01.09.1997 |
| 11.700.120                     | 01.08.1997 |                                |            |

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