



**BUREAU  
VERITAS**

**EG-ENTWURFSPRÜFBESCHEINIGUNG (Modul H1)**  
**EC DESIGN-EXAMINATION CERTIFICATE (module H1)**  
**N° CE-PED-H1D-APL 002-05-POL-revB**

BUREAU VERITAS S.A. bestätigt im Rahmen der Zulassung zur Benannten Stelle (Kennnummer 0062), daß der Entwurf der unten näher beschriebenen Druckgeräte einer Überprüfung auf Grundlage der Anforderungen des Anhang III Modul H1 der Druckgeräterichtlinie 97/23/EG, umgesetzt in französisches Recht durch die Beschlussfassung n°99-1046 vom 13. Dezember 1999, unterzogen worden ist und die Anforderung dieser Direktive erfüllt.

*BUREAU VERITAS S.A., acting within the scope of its notification (notified body number 0062), attests that the design of an item of pressure equipment identified hereunder has been examined against the provisions of appendix III, module H1, of the Pressure Equipment directive n° 97/23/EC, transposed in the French law by the modified decree n° 99-1046 of 13 December 1999, and found to satisfy the provisions of the directive which apply to it.*

Hersteller (Name) / Manufacturer (Name):

**APLISENS SP. Z O. O.**

Adresse / Address:

**ul. Morelowa 7, 03-192 Warszawa, POLAND**

Herstellerzeichen / Trademark:

**APLISENS®**

Druckgerätebeschreibung / Equipment description:

**DIFFERENTIAL PRESSURE TRANSMITTERS**

Nummer der betreffenden Druckgeräte (falls erforderlich Liste im Anhang) / Identification of the approved design:

**APR-2000**

Mitzugelassene Druckgerätevariationen / Versions covered by the approved design (where applicable):

**Types:**

**APR-2000 /XX, APR-2000EEEx /XX,  
 APR-2000/AL/XX, APR-2000EEEx/AL/XX,  
 APR- 2000/XX PROFIBUS PA,  
 APR-2000EEEx/XX PROFIBUS PA,  
 APR-2000ALW/XX.**

**See Annex for complete versions identification.**

Gültig bis / Conditions for validity:


**FOR USE AS SAFETY ACCESSORIES**

Eine Liste der relevanten technischen Unterlagen ist in der Anlage.

*A list of the relevant parts of the technical documentation is annexed to this certificate.*

Diese Bescheinigung wird ungültig und der Hersteller muss die Konsequenzen voll selbst tragen, wenn Änderungen am Entwurf des Druckgerätes vorgenommen werden, die die grundsätzlichen Sicherheitsanforderungen beeinträchtigen können oder das Gerät anders als vorgesehen eingesetzt wird und insbesondere, wenn der Hersteller nicht die Anforderungen der Druckgeräterichtlinie 97/23/EG vom 29 Mai 1997, so wie sie in nationales Recht umgesetzt worden ist, einhält.

*This certificate shall be deemed to be void and the manufacturer shall alone bear any consequences pursuant to its use, in case of modification to the equipment where this may affect conformity with the essential safety requirements or the prescribed conditions for use of the equipment, and generally where the manufacturer fails in particular to comply with any of his obligations under directive nr 97/23/EC of 29 May 1997 as transposed in the applicable law(s).*

Ort / Made at	Datum (MM/DD/YYYY) / On (MM/DD/YYYY)	Name / Signed by	Unterschrift / Signature
<b>KATOWICE / POLAND</b>	<b>12/01/2005</b>	<b>Jacek Piska</b>	

Registrier Code / Registration code: 2008/91.13,65/P

Diesem Zertifikat liegen die Allgemeinen Geschäftsbedingungen der Bureau Veritas, siehe Anlage des Antrages, zu Grunde.

*This certificate is subject to the terms of Bureau Veritas General Conditions of Service attached to the agreement signed by the applicant.*



**Anhang zur EG-ENTWURFSPRÜFBESCHEINIGUNG**  
*Annex to the EC design-examination certificate (module H1)*

**N° CE-PED-H1D-APL 002-05-POL-revB**

**Nummer der betreffenden Druckgeräte**  
*List of the concerned equipment*

Type APR-2000 / XX, APR-2000EEx / XX

Differential pressure ranges: -100kPa ÷ 2,5 MPa

Static pressure range: max. 25 MPa

Static pressure limit (overpressure): 27.5 MPa

Temperature range: -25°C ÷ 100°C

**Materials:**

**Housing:**

304 AISI; 1.4301 WNR; (0H18N9)

**Diaphragm and process connector:**

316L AISI; 1.4404 WNR; 1.4435 WNR; (00H17N14M2)

**Covers:**

316L AISI; 1.4404 WNR

Type APR-2000/AL /XX , APR-2000EEx/AL/ XX, APR-2000ALW

Differential pressure ranges: -100kPa ÷ 2,5 MPa

Static pressure range: max. 25MPa

Static pressure limit (overpressure): 27.5 MPa

Temperature range: -25°C ÷ 100°C

**Materials:**

**Housing:**

Aluminium alloy

**Diaphragm and process connector:**

316L AISI; 1.4404 WNR; 1.4435 WNR; (00H17N14M2)

**Covers:**

316L AISI; 1.4404 WNR

**Options:**

XX - Type of process connection

C - With covers





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YY - Type of electrical connections

PD - IP 65 rated Ingress Protection

PZ - IP 65 rated Ingress Protection

The purpose of this new revision A is modification:

1. Static pressure range to 25 MPa
2. Static pressure limit (overpressure) to 27,5 MPa
3. Addition the new version of the transmitter:

Type APR-2000/XX PROFIBUS PA , APR-2000EEx/XX PROFIBUS PA

Differential pressure ranges: -100kPa ÷ 2,5MPa

Static pressure range: max. 25MPa

Static pressure limit (overpressure): 27,5MPa

Temperature range: -25°C ÷ 100°C

Materials:

Housing:

Aluminium alloy

Diaphragm and process connector:

316L AISI; 1.4404 WNR; 1.4435 WNR; (00H17N14M2)

Covers:

316L AISI; 1.4404 WNR

The purpose of this new revision B is modification:

- The new version of the transmitter APR-2000ALW/XX was added
- List of the relevant parts of the technical documentation was updated





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**Liste der relevanten technischen Unterlagen**  
*List of the relevant parts of the technical documentation*

1. **General description; File no. PC.APR.A000-01**
2. **Technical drawings with bill of materials:**
  - General arrangement:**  
Dwg. No. PR.APR-A001-TA Sh. 1 to 2
  - Type APR-2000, APR-2000EEx:**  
Dwg. No. APR2000-A001-TA Sh. 1 to 3
  - Type APR-2000/AL, APR-2000EEx/AL:**  
Dwg. No. APR2000-A301-TA Sh. 1 to 3
  - Type APR-2000 Profibus PA, APR-2000EEx Profibus PA**  
Dwg. no. APR2000-A401-TA Sh.1 to 2
  - Type APR-2000ALW :**  
Dwg. No. APR2000-A611-TA Sh. 1 to 3, Dwg. No. APR2000-A615-TA Sh. 1 to 3,
3. **Risk analysis; File no. PC.APR.A000-07**
4. **User manual: File No. DTR.APC.APR.01, DTR.APC.APR/AL.01, DTR.APC.APR.PROFIBUS, DTR.APC.APR.ALW.01**
5. **Design calculations; File no. PC.APR.A000-06 issue 11.2005, PC.APR-A000-04 issue 01.2007, PC.APR-A000-6 issue 06.2007.**
6. **Report of overloading tests; File no. PC.APR.A000-08;PC.APR.A000-09 version 11.2005**
7. **Draft of marking; Drawing no. PR.APR-C001-TA, APR2000-C401-TA**
8. **Draft of declaration of conformity; File no. PC.APR-A000-03**

