

[1] EC-TYPE EXAMINATION CERTIFICATE

**[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC**

- [3] EC-Type Examination Certificate Number:** Nemko 02ATEX035
- [4] Equipment or Protective System:** Pressure Transmitter
- [5] Applicant:** Smar Equipamentos Industriais Ltda.
- [6] Address:** Av. Antonio Furlan Jr., 1028
Sertaozinho SP-14160.000
Brazil
- [5] Manufacturer:** Smar Equipamentos Industriais Ltda
- [6] Address:** Av. Antonio Furlan Jr., 1028
Sertaozinho SP-14160.000
Brazil
- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.**
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of 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 no. 200139262
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:**
- CENELEC EN 50014: 1997 + A1: 1999 + A2: 1999 and CENELEC EN 50018: 2000
- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.**
- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.**
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:**

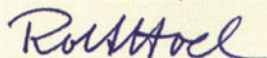


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Oslo 2004-10-04

This certificate replaces version dated 2002-12-12.



Rolf Hoel
Certification Manager

This certificate may only be reproduced in its entirety and without any change, schedule included.

[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 02ATEX035****[15] Description of Equipment or Protective System**

This Certificate covers Pressure Transmitter with type designations LD301, LD302 and LD303

Type Designation

LD301, LD302 and LD303

Technical Data

U = 28VDC

Ingress Protection Code

IP67 according to EN 60529.

[16] Report No. 200139262

Composed in total 28 pages

Descriptive Documents**LD301:**

101E002903	Rev. 3	18/08/2000	
102B043802	Rev. 2	08/03/01	
102B050601	Rev. 01	21/12/98	2 sheets
102B007308	Rev. 08	07/12/00	2 sheets
102A022601	Rev. 1	07/12/00	6 sheets
102B051305	Rev. 05	28/12/00	6 sheets
102A069200		27/12/00	6 sheets
102B030700		21/01/97	
102B030800		21/01/97	
102A033702	Rev. 2	08/03/01	

LD302/303:

101E001502	Rev. 2	06/04/98	
10B043902	Rev. 2	25/08/00	
102A033802	Rev. 2	25/08/00	
102B050701	Rev. 01	21/12/98	2 sheets
102B007308	Rev. 08	07/12/00	2 sheets
102A022601	Rev. 1	07/12/00	6 sheets
102B020508	Rev. 08	22/12/00	6 sheets
102A032003	Rev. 03	22/12/00	4 sheets
102B004305	Rev. 05	21/01/00	2 sheets
102A022702	Rev. 2	17/02/00	4 sheets
102B030700		21/01/97	
102B030800		21/01/97	

[17] Special conditions for safe use

None

[18] Essential Health and Safety Requirements

See item 9

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SUPPLEMENT 1 TO EC-TYPE EXAMINATION CERTIFICATE**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 02ATEX035****[15] Description of Equipment or Protective System**

This Certificate is extended to include new type designations according to descriptive documents.

Type Designation

LD301 or 4301

LD302

LD303

Technical Data

U=28VDC

Ingress Protection Code

IP67 according to EN 60529.

[16] Report No. 14282**Descriptive Documents**

Number	Rev.	Date	Title /Description	Sheets
101-A-6346-00	-	2003-05-18	LD301 Marking Nemko ATEX	1
101-A-6321-01	-	2003-05-07	4301 Marking Nemko ATEX	1
101-A-6211-01	1	2003-09-18	LD302 Marking Nemko ATEX	1
101-A-6212-01	1	2003-09-18	LD303 Marking Nemko ATEX	1

[17] Special Conditions for Safe Use

None

[18] Essential Health and Safety Requirements

See item 9

Oslo 2003-11-17



Rolf Hoel

Certification Department

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