

**[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 10ATEX1096**
- [4] Equipment or Protective System: **Pressure indicators, switches and trasmitters**
- [5] Applicant/Manufacturer: **Comhas S.r.l.**
- [6] Address: **Via Matteotti, 66  
I-20092 Cinisello Balsamo (MI)  
Italy**
- [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. 126775
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0: 2006 (IEC60079-0: 2004), EN 60079-1: 2007 (IEC 60079-1: 2007), EN 60079-31: 2009,  
EN 50014 : 1997 + A1 and A2, EN 50018 : 2000 + A1, EN 50281 : 1998 + A1**
- [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:

**II 2 GD****Ex d IIC Gb T6, -50°C ≤ Ta ≤ +60°C  
Ex tb IIIC Db T85°C**

Oslo, 2010-03-31



p.p. Rolf Hoel  
Certification Manager, Ex-products

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[13] Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 10ATEX1096

[15] Description of Equipment or Protective System

The equipment may be fitted with following components:

Flame arrester, certificate ISSEP 09ATEX049U

Overpressure relief valve certificate ISSEP 09ATEX049U

External hand knob certificate INERIS 04ATEX0055 (Only for model AT2-1800)

Suitable ATEX certified cable glands and blanking element Ex d and Ex tb must be used.

The enclosures are marked with the warning: Avoid dust build-up on equipment.

**Technical Data**

Max. 250VAC 9W

**Ingress Protection Code**

IP 66

IP 65 when equipment is provided with Overpressure relief valve and/or External hand knob

**Type designations**

AT1, AT2 and AT3 series

\* For details on each model see Technical note, NT-0109.00.

	SERIES	APPARATUS TYPE	METALLIC CASE
01	AT1-1900	Differential pressure switch for low ranges	GUB 1A
02	AT2-1900	Differential pressure switch for low ranges	GUB 2
03	AT2-1800	Differential pressure switch for low ranges	GUB 2
04	AT2-2000	Differential pressure gauge for low ranges	GUB 2
05	AT2-MS	Differential pressure transmitter for low ranges	GUB 2
06	AT1-ADPS	Differential pressure switch for low ranges	GUB 1A
07	AT2-ADPS	Differential pressure switch for low ranges	GUB 2
08	AT2-3000MR	Differential pressure gauge with adjustable set points	GUB 2
09	AT3-3000MR	Differential pressure gauge with adjustable set points	GUB 3
10	AT2-605	Differential pressure transmitter for low ranges with local indication	GUB 2
11	AT3-605	Differential pressure transmitter for low ranges with local indication	GUB 3
12	AT2-DH3	Differential pressure transmitter h for low ranges with local indication and set points	GUB 2
13	AT3-DH3	Differential pressure transmitter for low ranges with local indication and set points	GUB 3
14	AT3-A3000	Differential pressure gauge with adjustable set points	GUB 3

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**[16] Report No. 126775****Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Sheets
Technical note	NT-0109.00	0	September 09	24
Drawings for AT1 – 1900	CS1-26-700050-00	0	2009-10-10	1
Drawings for AT2 – 2000	CS2-12-700024-00	0	2009-09-15	1
Drawings for AT2 – 1900	CS2-26-700050-00	0	2009-10-09	1
Drawings for AT2 – 3000MR/MRS	CS2-13-700285-01	0	2009-06-15	1
Drawings for AT2 – MS	CS2-01-700764-00	0	2009-09-15	1
Drawings for AT3 – 3000MR	CS3-13-700285-01	0	2009-06-15	1
Drawings for AT2 – DH3	CS2-19-700815-00	0	2009-08-04	1
Drawings for AT3 – DH3	CS2-19-700815-00	0	2009-06-26	1
Drawings for AT3 – 605	CS2-01-700229-00	0	2009-08-05	1
Drawings for AT3 – 605	CS3-01-700229-00	0	2009-06-24	1
Drawings for AT2 – ADPS	CS3-R1-124606-00 /65	0	2009-09-15	1
Drawings for AT1 – ADPS	CS1-R1-124606-00 /65	0	2009-11-12	1
Drawings for AT3 – A3000	CS3-13-700304-18	0	2009-06-13	1
Drawings for AT2 – 1800	CS2-24-700015-00	0	2009-10-09	1
Accessories	CS-2009-001-CO	0	2009-10-01	1
Drawings for “Pulsante di reset per strumenti in contenitore antideflagrante” (only for AT2-1800)	RA.014-A4	2	2003-10-11	1
Drawings for “Regolazione set point componenti bussola e albero comando” (only for AT2-1800)	RA.012-A4	2	2003-10-10	1
Marking label	TI-2009-01	0	2009-09-10	1

**Routine Test**

None

**[17] Special conditions for safe use**

None

**[18] Essential Health and Safety Requirements**

See item 9

Revised issue: Certificate revised 2010-03-21 and replaces previous dated 2010-03-26

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