DISIBEINT
ELECTRONIC SL

CERTIFICAT DE COMPOSANTS APPARTENANT À

INMB-Ex

L'unité d'affichage numérique pour les installations ATEX commercialisé par DISIBEINT ELECTRONIC SL avec la référence

INMB-Ex

incorpore le composant

LIMIT SWITCH SERIES PS

dans le cadre de leur fabrication.

C'est comme trouver de la véracité des certificats qui accompagnent ce document.

CESI

[1] # EC-TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use in potentially explosive atmospheres Directive 94/9/EC**

[3] EC-Type Examination Certificate number:

CESI 01 ATEX 065

[4] Equipment: Limit switch series PS

[5] Manufacturer: **COELBO s.r.l**

[6] Address: Via S. Margherita, 83 Brugherio (Milano) - 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] CESI, notified body n. 0722 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. EX-A1/026929.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014: 1997 + A1_A2 EN 50018: 2000 EN 50281-1-1: 1999

[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:

Ex II 2 GD EEx d IIC T6 IP 65 T85 °C

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

date September 13, 2001 - translation issued on September 13, 2001

prepared CERT – A. Milanesi

verified CERT – M. Balaz

approved CERT – U. Colombo

CESI
CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO
Business Unit Certificazione
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Capitale sociale € 550 000 Euro
interamente versato
Codice fiscale e numero
iscrizione CCIAA 00793580150

Registro Imprese di Milano
Sezione Ordinaria
N. R.E.A. 429222
P.I. IT00793580150

[13] **Schedule**

[14] **EC-TYPE EXAMINATION CERTIFICATE n. CESI 01 ATEX 065**

[15] **Description of equipment**

Limit switch series PS

Electrical characteristics

- Maximum rated voltage : 500 V a.c. ; 250 V d.c.
- Maximum rated current : 10 A
- Rated frequency : 50/60 Hz
- Degree of protection : IP 65

Temperature class – GAS

T6 for ambient temperature - 20 ÷ + 40 °C
- N. of operations / hour : no limits

65 °C for ambient temperature - 20 ÷ + 40 °C
- N. of operations / 600

Maximum surface temperature T of the enclosure – DUST

T85 °C for ambient temperature - 20 ÷ + 40 °C
- N. of operations / hour : no limits

T65 °C for ambient temperature - 20 ÷ + 40 °C
- N. of operations / 600

The accessories used for the cable entry and for closing unused holes shall guarantee a degree of protection IP 65 and shall be certified according to the standards EN 50014, EN 50018 and EN 50281-1-1.

Warning label

None

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Prot. A1/026943 P: 3
Keywords 13010R 23401R 48010M 54250O 66540E

[13] **Schedule**

[14] **EC-TYPE EXAMINATION CERTIFICATE n. CESI 01 ATEX 065**

[16] **Report n. EX-A1/026929**

Individual tests

The manufacturer shall carry out the routine tests prescribed at clause 24 of the EN 50014 standard.
The manufacturer is exempted from the routine overpressure test on the limit switches series PS since the apparatus has passed the type test performed with the static method at a pressure of 20 bar , equal to 4 times the reference pressure.

Descriptive documents (prot. EX-A1/026942)

- n. 5441/I Rev. 1	dated	10.07.2001
- n. 5435/I Rev. 1	dated	26.04.2000
- n. 5436/2 Rev. 2 (3 sheets)	dated	10.07.2001
- n. 5437	dated	23.02.1998
- n. 5190	dated	24.07.2001
- n. 5442/I Rev. 1	dated	10.07.2001
Safety instructions (4 sheets)	dated	06.07.2001

One copy of all documents is kept in CESI files.

[17] **Special conditions for safe use**
None.

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

Covered by standards.

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