



- (2) **Component intended to be incorporate into equipment or protective system intended for use in explosive atmospheres  
Directive 94/9/EC**

(1) **EC-TYPE EXAMINATION CERTIFICATE**

- (3) Number of the EC type examination certificate: **INERIS 03ATEX9022U**

- (4) Component:

**BULKHEAD TYPE P... and BREATHE VALVE TYPE V...**

- (5) Manufacturer: **COELBO**

- (6) Address: **Via Margherita, 83  
I - 20047 Brugherio (MI)**

- (7) This component and any other acceptable alternative of this one are described in the appendix of this certificate and the descriptive documents quoted in this appendix.

- (8) The INERIS, notified body and identified under number 0080, in accordance with article 9 of Council Directive 94/9/EC 23<sup>rd</sup> March 1994, certifies that this component fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment and protection systems intended for use in potentially explosive atmospheres, described in appendix II of the Directive.

The examinations and the tests are consigned in official report No. P50185/03.

- (9) The respect of the Essential Health and Safety Requirements is ensured by:

- conformity with:

EN 50 014 of June 1997 + Amendments 1 and 2  
EN 50 018 of November 2000 + Amendment 1  
EN 50281-1-1 of September 1998 + A1

- specific solutions adopted by the manufacturer to meet the Essential Health and Safety Requirements described in the descriptive documents.


- (10) Sign U, when it is placed following the Number of the EC type examination certificate, indicates this one should not be wrongly considered as an EC type examination certificate delivered for equipment or protective system. This partial certification may be used as a basis for the certification of equipment or protective system.

- (11) This EC type examination certificate refers only to the design and the construction of the component specified. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.
- (12) The marking of the component will have to contain:

 II 2 GD I M2

EEx d IIC or EEx d I IP66

or

 II 2 G I M2

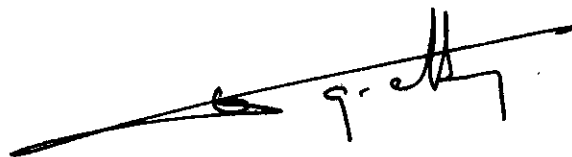
EEx d IIC or EEx d I IP5X

Verneuil-en-Halatte, 2003 12 30

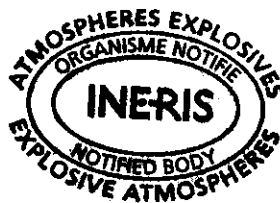


X.LEFEBVRE

Engineer at the Laboratory of Certification  
of ATEX Equipment



Director of the Certifying Body  
By delegation  
B. PIQUETTE  
Deputy manager of Certification



(13) **ANNEX**

(14) **EC TYPE EXAMINATION CERTIFICATE N° INERIS 03ATEX9022U**

(15) **DESCRIPTION OF COMPONENT**

The bulkhead serie P... and the breathe valve serie V... are made in brass and/or in stainless steel. These devices are intended to be fitted on flameproof enclosures for group I, IIA, IIB and IIC.

These devices presents the degrees of protection IP66 or IP5X according to European standard EN 60 529.

**PARAMETERS RELATING TO THE SAFETY**

None.


**MARKING**

Marking must be readable and indelible ; it must comprise the following indications:

**Breathe valve type VF1 or VF2 :**

COELBO  
I - 20047 Brugherio (MI)



VF1 or VF2  
INERIS 03ATEX9022U  
(Year of construction)

 **II 2 GD I M2**  
EEx d I/IIC  
IP66

**Bulkhead type P... :**

COELBO  
I - 20047 Brugherio (MI)

P...  
INERIS 03ATEX9022U  
(Year of construction)


 **II 2 GD I M2** or  **II 2 G I M2**  
EEx d I/IIC  
IP66 or IP5X

Protection IP66 is provided only when the bulkhead type P... are connected to external circuits; Not connected to the external circuits, the bulkhead type P... are IP5X and not intended for the dusty explosive atmospheres.

**Dispositifs type V... :**

COELBO  
I - 20047 Brugherio (MI)

V...  
INERIS 03ATEX9022U  
(Year of construction)

 II 2 G I M2  
EEx d I/IIC  
IP5X

(\*) The points are replaced by a codification according to the manufacturing variation. The different types are defined on the descriptive documents.

The whole of marking can be carried out in the language of the country of use.

The component must also carry the marking normally envisaged by the standards of construction which relate to it.

**ROUTINE EXAMINATIONS AND TESTS**

These components are exempt from any individual overpressure test if they are used on flameproof enclosure having a pressure test below or equal to 30 bar. Otherwise, they must undergo the individual test intended for this enclosure.

**(16) DESCRIPTIVE DOCUMENTS**

The report is composed of the documents quoted hereafter, constituting the descriptive file of the apparatus, object of this certificate.

Certification file ref.COELBO 4 rev.1 on 2003.10.09

This file, signed on 2003.10.09, included 7 headings.

**(17) SPECIAL CONDITIONS FOR SAFE USE**

See Instructions.

**(18) ESSENTIAL REQUIREMENTS OF SAFETY AND HEALTH**

The respect of the Essential Health and Safety Requirements is ensured by:

- conformity to the European standards EN 50 014, EN 50 018 and EN 50281-1-1.
- the whole of the provisions adopted by the manufacturer and described in the descriptive documents.