



**INSTALLATION, SERVICE AND MAINTENANCE  
INSTRUCTIONS**

**ANNEX FOR THE EC ATEX MARKED EQUIPMENT  
UNDER DIRECTIVE 2014/34/EU:**

**Diaphragm Valve VEEVALV Ex manual+pneumatic**

**Manual/pneumatic stainless steel diaphragm valve VEEVALV, inline / tank bottom range  
/ NDL**



II 2G Ex h IIB T6...T3 Gb

II 2D Ex h IIIB T85°C...T200 °C Db

**The contents of this Annex complement the information included in the instructions manual. The instructions of this Annex must be observed whenever equipment marked under Directive 2014/34/EU is used.**



**Original Manual**

10.300.30.04EN

(A) 2022/11

## EU Declaration of Conformity ATEX 2014/34/EU

We,

### **INOXPA, S.A.U.**

Telers, 60  
17820 – Banyoles (Girona)

Hereby declare under our sole responsibility that the machine

### **DIAPHRAGM VALVE**

Model

**VEEVALV**

From serial number **IXXXXXXXXXX** to **IXXXXXXXXXX** <sup>(1)</sup>

Fulfills <sup>(2)</sup> all the relevant provisions of Safety and Health from ATEX 2014/34/EU Directive and are adapted to the harmonized norms:

EN ISO 80079-36:2016  
EN ISO 80079-37:2016  
EN 1127-1:2019  
EN 13237:2012  
EN 15198:2007

This Declaration of Conformity covers equipment with the following ATEX marking:



II 2G Ex h IIB T6...T3 Gb  
II 2D Ex h IIIB T85 °C...T200 °C Db

The technical documentation referenced 027271/13 is on file with the notified body INSTITUT NATIONAL DE L'ENVIRONNEMENT INDUSTRIEL ET DES RISQUES (INERIS), Parc Technologique Alata BP 2, 60550 Verneuil-en-Halatte, France. Reference num. 0080.

Signed by and on behalf of:

**INOXPA, S.A.U.**



David Reyero Brunet  
Technical Office Manager  
Banyoles, 2022

<sup>(1)</sup> the serial number may be preceded by a slash and by one or two alphanumeric characters

<sup>(2)</sup> pneumatic actuator in stainless steel. DO NOT use Silicone and Viton diaphragms for valve sizes DN 2 and DN 2 1/2

The temperature class and the maximum surface temperature depend on the temperature of the product to be stirred and the ambient temperature.

Temperature class for explosive gas atmospheres

Temperature class	Product temperature (in process or cleaning)	Room temperature
T6	≤ 60 °C	-20 °C to +40 °C
T5	≤ 75 °C	
T4	≤ 110 °C	
T3	≤ 140 °C	

Maximum surface temperature for explosive dust atmospheres

Maximum surface temperature	Product temperature (in process or cleaning)	Room temperature
T85 °C	≤ 85 °C	-20 °C to +40 °C
T100 °C	≤ 100 °C	
T125 °C	≤ 125 °C	
T 200 °C	≤ 200 °C	

## 1. EXPECTED USE

The following information must be taken into account in order to ensure correct operation of our product. Any non-fulfillment of the instructions may result in a risk for the operators, the environment, the machine and the installation, and may result in the loss of your right to claim damages. This failure to comply with the instructions may cause the following risks (in addition to those already indicated in the manual):

- creation of explosive atmospheres and the risk of explosion.

Any guarantee will be cancelled immediately and as a matter of law and, in addition, we shall be compensated for any claim of civil liability presented by third parties, if (in addition to the conditions already indicated in the manual):

- the material has been misused or has not been used according to the operating conditions in the classified area, operating in a different classified area, temperature or pressure conditions, and/or with a different substance.

When the equipment is expected to be used and operated, the generally accepted safety rules, national and international regulations, and stipulations must also be taken into account. Appropriate measures must be taken to prevent accidental operation or unauthorized interference.

- This equipment has been classified in accordance with ATEX Directive 2014/34/EU and is designed to be used in a machine or plant with a potentially explosive atmosphere. This equipment may not be commissioned until it has been determined that the machine or plant is also compliant with the ATEX Directive and its operation complies with Directive 1999/92/EC.
- The equipment must be used as described in the respective technical and data sheets, and the information on the product label must also be taken into account. The markings on the product label, in conjunction with the Declaration of Conformity, indicate the area where the equipment will be used in potentially explosive atmospheres.
- During installation, maintenance, and repair work, the relevant national and international (e.g. EC stipulations) stipulations must be observed as protection from explosions.
- If any failure occurs during operation, use only original spare parts. Obviously, the damaged parts must not be reused and must be replaced.
- If the operators reuse accessories or make any modifications to the equipment, they must be subject to a further evaluation and ignition risk classification according to Directive 2014/34/EU and must consequently receive new classification. The product label attached by INOXPA and the Declaration of Conformity will no longer be valid. The plant operator shall bear the responsibility for this new classification and modification.

## **2. SPECIAL CONDITIONS FOR SAFE USE**

- **The equipment can only be used if its materials (in operating conditions) are resistant to mechanical and/or chemical wear or corrosion ensuring that the explosion protection is always guaranteed.**
- **Ensure electrical continuity between the valve and the installation and an earth connection of the installation.**
- **Valves must only be assembled and disassembled by qualified staff, taking into account that it is necessary to adopt safe-work permits when working in a potentially explosive atmosphere.**
- **The operator must ensure that the limits of the operating conditions in explosive atmospheres are not exceeded. This valve was selected according to the operating conditions specified by the user. Therefore, INOXPA disclaims liability for any damage caused by the use of the valve under conditions other than those set forth in the order sheet.**
- **The fittings or parts used for the assembly of the equipment must comply with the explosion protection requirements.**
- **The warnings on the equipment must be observed.**
- **For explanations regarding the special Ex markings or the product label, please, refer to the Declaration of Conformity.**
- **In case that the pneumatic actuator is not supplied by INOXPA, this should comply with the specifications of ATEX Directive 2014/34/EU and all the supplier's specifications should be observed at all times.**
- **To prevent a considerable temperature rise, under no circumstances can the pneumatic actuator exceed 12 cycles per minute. Under all circumstances, it is not recommended to exceed 2/3 cycles per minute to ensure a reasonable useful life of the joints.**