



## Installation & Maintenance

**Weight Loaded Vents**  
**Series 2100,4000,6000 Pressure Relief**  
**Series 3000,5000 Vacuum Relief**

### 1. CE label

<b>F.N.C.</b> Via Maestri del Lavoro Z.I. 201040 cislago (va) italy 0039-029667121 info@fncitalia.it	EN12874	Type	LINE DET-PROOF TYPE ADIIB3/25/1.1/60 F.A.	
	Cert.n°	IBExU 0	UNI 2223/29-DN25-PN16	0496
	Serial n°	CA070241-22	Item	FA-1
			IIG	IIB3
				<b>CE</b>

- A valve registered numbering
- B type
- C tag number
- D pressure setting
- E vacuum setting
- H valve group if applicable
- L registered ATEX numbering

### 2. CAUTION

When installing FNC vents, safety procedure appropriate for the specific installation site must be fully understood and followed.

- Remove any protective flange covers
- Check carefully to insure that no packing materials remain on/or inside the vent housing
- Max Working Pressure (pressure drop included) < 1,5 bar abs
- Max Working Temperature <= 160° (T3)
- Explosion Group IIA-IIB-IIB1-IIB2-IIB3

### 3. INSTALLATION

- Mount the vent to the appropriate flange using gaskets compatible with service conditions, and ensure electrical continuity between piping and vent by means of a proper cable.

- Some series design(i.e. DN >80) requires threaded studs that mate with tapped holes in valve housing,FNC provide vents already with studs
- Vent should be mounted HORIZONTAL
- Plant must be in accordance with existing LAWS

#### 4. MAINTANANCE

- Check periodically vent cleanness status
- Monitorize vent performance during first 3 months from installation
- Inspect the pallets assemblies,if pallets are deteriorated or bent they must be replaced
- Inspect that all seats are clean and smooth,if there are leaking sealing must be replaced, **don't replace O'rings only,also seats must be replaced.**

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In case replace seats from groove with appropriate tools-lever carefully  
Use appropriate tools to insert new seats

Test vent .Sealing test has to be considered positive if within 3 minutes pressure is not decrease 75% related to requested setting.**If test is negative please contact FNC .**

When removing existing bushes,use LOCTITE to fix new ones

Bush hole related to pallets stemmust have a 0,5 mm clearence,if not please send housing to FNC for appropriate machining

- Please contact FNC if any questions arise concerning proper maintenance
- **Maintanance has to be done by qualified employees**
- **Line must be closed and degased and maintanance has to be done in a proper clean area / workshop.**

**FNC DECLINE EVERY RESPONSABILITY FOR AN IN-PROPER USE OR MAINTENANCE OF OUR ARTICLES.  
ALL PROCEDURES,REGULATIONS,LAWS MUST BE FULLY UNDERSTOOD AND FOLLOWED**

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