

# Solenoid valves for gas

# VALV12NC - VALV34NC - VALV01NC

VALV NC are normally closed gas interception solenoid valves. They are designed in a way to guarantee the interception of gas for both gas detector signalling (methane, LPG, carbon oxide and others) and lack of mains voltage (black out). The manual reset can occur only in the presence of main voltage and if the gas detector emits no hazard signals.



- 1 Reset pin
- 2 Electric reel
- 3 Valve body

## NORMALLY-CLOSED

- Normally closed manual reset gas solenoid valves that can be associated to a gas detector
- To obtain active type safety (intervention from detector command and/or due to black out)
- Aluminium body
- Power supply: 230 V AC or 12 V DC \*
- Connections: Rp 1/2", Rp 3/4", Rp 1" \*\*

\* Other types of power supply on request:  
24 V CC / 12 V AC / 24 V AC / 110 V AC

\*\* Other connections on request: 1 1/2", 2", 2 1/2", 3", 4", 5", 6", 8"



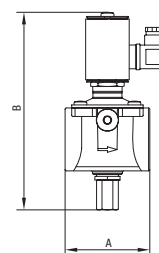
## GENERAL CHARACTERISTICS

|                            |      |  |
|----------------------------|------|--|
| Valve type                 |      | NC   |
| Power supply               | V AC | 230 (-15 ÷ +10%) 50 Hz                     |
| Power supply               | V DC | 12 (-15 ÷ +10%)                            |
| Power consumption 12 V DC  |      | 8  |
| Power consumption 230 V AC |      | 9  |
| Reel class                 |      | F  |
| Max input pressure         | mbar | 500  |
| Operating temperature      | °C   | -10 ÷ +60                                  |
| Degree of protection       | IP   | 65   |
| Connections**              |      | Threaded UNI-ISO 7/1:<br>Rp 1/2", 3/4", 1" |

| Code            | Model    | Description    | Connection | Power supply |
|-----------------|----------|----------------|------------|--------------|
| <b>VN077400</b> | VALV12NC | Aluminium body | Rp 1/2"    | 230 V AC     |
| <b>VN076600</b> | VALV34NC | Aluminium body | Rp 3/4"    | 230 V AC     |
| <b>VN078200</b> | VALV01NC | Aluminium body | Rp 1"      | 230 V AC     |
| <b>VE172300</b> | VALV12NC | Aluminium body | Rp 1/2"    | 12 V DC      |
| <b>VE173100</b> | VALV34NC | Aluminium body | Rp 3/4"    | 12 V DC      |
| <b>VE174900</b> | VALV01NC | Aluminium body | Rp 1"      | 12 V DC      |

## DIMENSIONS (mm)

### Section



### Quotas

|                 | Connection (inches) | A  | B   |
|-----------------|---------------------|----|-----|
| <b>VALV12NC</b> | Rp 1/2"             | 70 | 165 |
| <b>VALV34NC</b> | Rp 3/4"             | 70 | 165 |
| <b>VALV01NC</b> | Rp 1"               | 90 | 173 |

## REFERENCE STANDARDS

Compliance with Directives 2006/95/EC (Low Voltage) and 2004/108/EC (E.M.C.), 94/9/EC (A TEX), 90/396/EEC (Gas appliances)