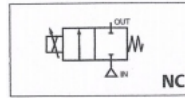


# Vapour Recovery Valve Proportional

## Proportional Solenoid valve 2/2 NC. Direct Operated R 1/4" Serie 270 II2G Ex ebIIIC GbT4, II2D Ex tbIIICDb- IP65

- Valve normally closed . N.C.
- Explosion proof operator, for use in explosion areas, according to Directive ATEX 2014/34/EU
- The valve can handle a variable flow of fuel vapour, proportional to the control signal.

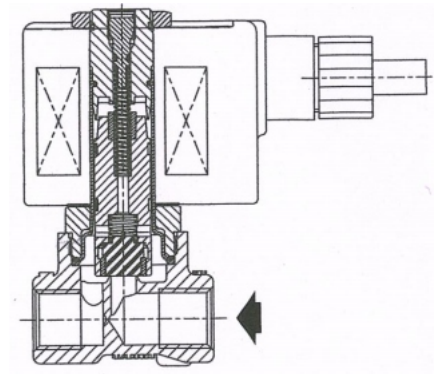


### Technical specification

|                       |                 |
|-----------------------|-----------------|
| Differential pressure | 0-1 Bar         |
| Temp. range           | -40 +55°C       |
| Fluids                | Fuel vapour     |
| Body                  | Brass           |
| Core tube             | Stainless steel |
| Core assembly         | Stainless steel |
| Rider ring            | PTFE            |
| Seal                  | FPM             |
| Pipe size             | R1/4"           |
| Orifice               | 5,5 m.m         |
| Flow coefficient KV   | 0,70 m3/h       |

### Electrical characteristics

|                       |                                                                              |
|-----------------------|------------------------------------------------------------------------------|
| Voltage               | 24VDC, PWM                                                                   |
| Voltage range         | 24 VDC, pulse with modulation (600 to 800 Hz) or PWM with scheduling control |
| Power                 | 8W                                                                           |
| Late delay            | < 8%                                                                         |
| Repeatability         | < 5%                                                                         |
| Sensitivity           | < 3%                                                                         |
| Electrical connection | cable 3.000 m.m length                                                       |
| Coil emcapsulated     | Epoxy                                                                        |
| Marking               | II 2 G /D ExmII                                                              |



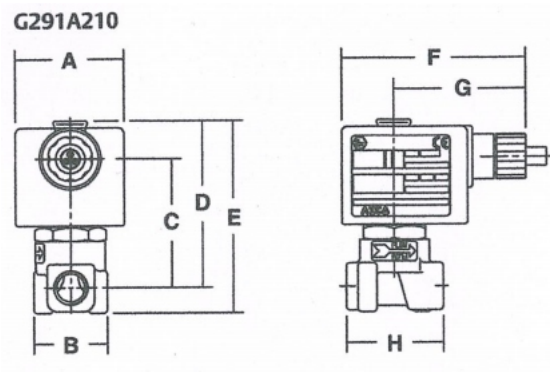
**automatic  
control valves, s.l.**

Polígono Industrial Ibaiondo - Local NR1 - Apdo.217  
20120 HERNANI - Basque Country (SPAIN)  
Tel: +34 943 550 814  
email: automaticvalves@automatic-valves.com  
web: automatic-valves.com

# Vapour Recovery Valve Proportional

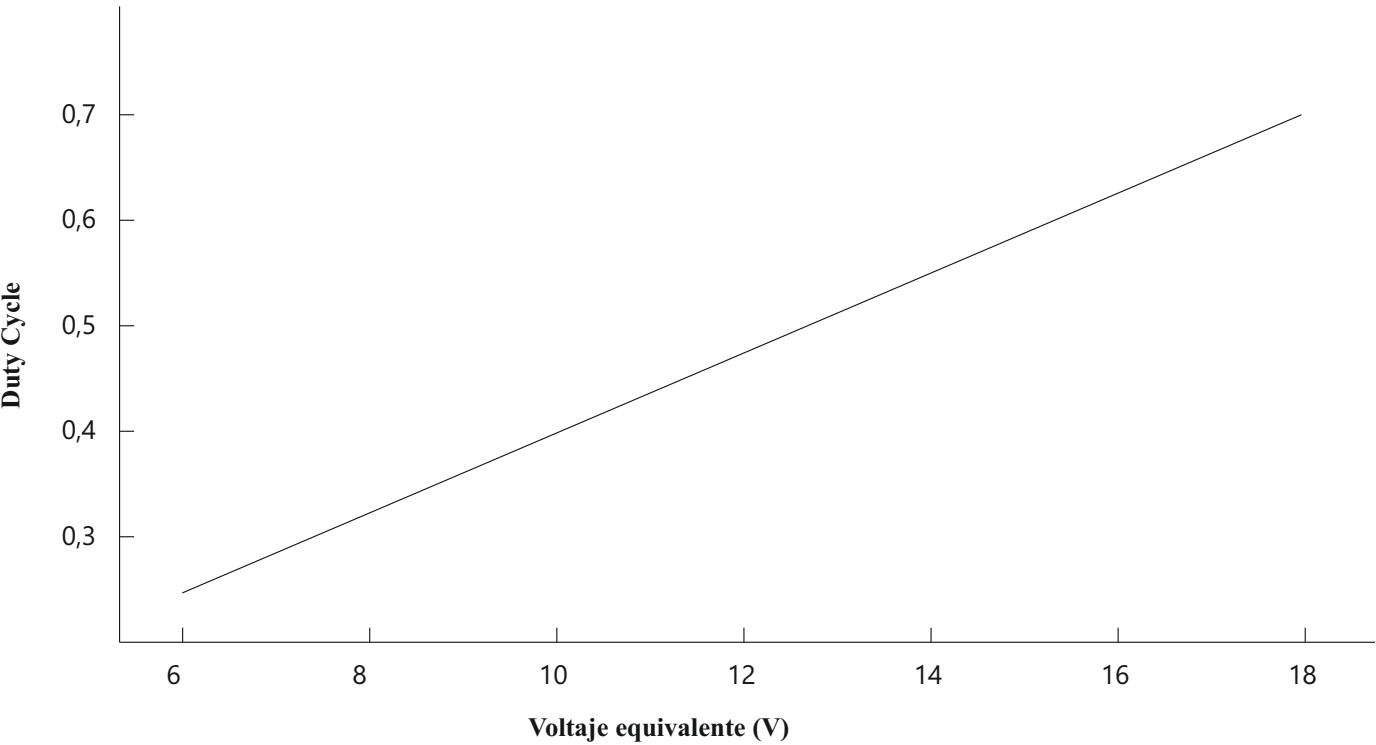
Proportional Solenoid valve 2/2 NC. Direct Operated R 1/4"  
Serie 270 II2G Ex ebIIIC GbT4, II2D Ex tbIIICDb- IP65

## Dimension (m.m.) Weight



| Type           | ART          | A  | B  | C  | D  | E  | F  | G  | H  | Weigh   |
|----------------|--------------|----|----|----|----|----|----|----|----|---------|
| 270/5,5/MG 14F | 121103302404 | 48 | 29 | 53 | 72 | 80 | 73 | 52 | 40 | 0,50 kg |

## Curva Duty - Corriente (PWM sobre 24 V)



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email: automaticvalves@automatic-valves.com  
web: automatic-valves.com