

# PILOT SOLENOID VALVE

## EDM 2

Ref. : EDM2

Rev. : Initial

Date : 28/04/2015



PA Ventil AB

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### APPLICATION

Pneumatic valve control: air, inert gases , vacuum.

### GENERAL CHARACTERISTICS

Normally closed solenoid valve 3/2 NF.  
 Operation possible without differential pressure.  
 Bore : 1.3 mm  
 Flow at 6 bar and differential pressure 1 bar : 53 l/min.  
 Maximum number of cycles: 700 / min.  
 Connection to the valve using a swivel end allowing mounting in all positions.

Voltage:  
 Alternative: (24V / 230 V)  
 Continuous: 24 V.

### CONSTRUCTION

Brass body  
 Stainless steel internal details.

### ELECTRICAL CHARACTERISTICS

|                                    |             |
|------------------------------------|-------------|
| Power consumption on appeal (AC)   | <b>9 VA</b> |
| Power consumption in service (AC)  | 6 VA        |
| Puissance absorbée en service (CC) | 5 W         |
| Voltage power tolerance            | +/- 10%     |
| Response time on appeal            | 40 ms       |
| Response time to the cut           | 21 ms       |
| Wire insulation class of the coil  | Class H     |
| Coil insulation class              | Class F     |
| Connector protection factor        | IP 65       |
| Electric connector                 | PG 9        |

### WORKING CONDITIONS

Working pressure: 10 bar

Working temperature: +50 °C

### STANDARDS

Threaded gaz connection according to ISO 228-1.  
 Connection: Input 1/8" female  
 Output 1/8" swivel male



### PNEUMATIC DIAGRAMS

