



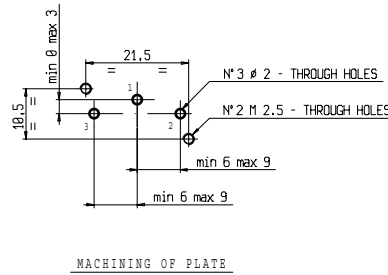
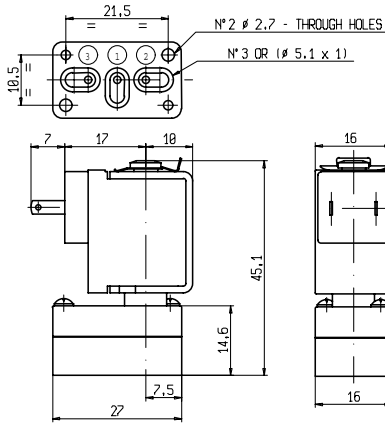
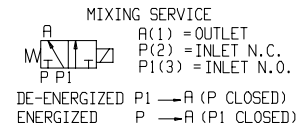
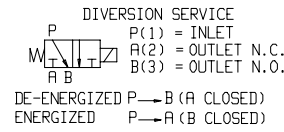
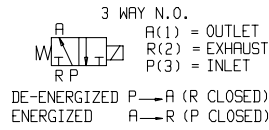
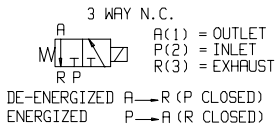
# MICRO SOLENOID VALVE - DRY

## 3/2 - UF (Universal function)

### Direct acting - Total isolation

### Manifold mounting

# D351



#### ► GENERAL FEATURES

Total isolation micro solenoid valve: the actuator is totally isolated from the fluid so that the wetted parts are just the body and the diaphragm.

Reduced internal volumes: 67 $\mu$ l. Possibility of disassembling for inspection.

The parts subject to sliding friction are duly coated by PTFE (polytetrafluoroethylene) based self lubricating material.

Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

Not suitable for use with dangerous fluids listed in Group 1, therefore they are free from CE marking in conformity with article 3 § 3 of the European Directive 97/23/EC (Pressure Equipment Directive).

#### ► TECHNICAL FEATURES

Opening time	~10ms
Closing time	~10ms
Fluid temperature	-10°C +100°C
Max viscosity	5°E (~37 cStokes or mm <sup>2</sup> /s)

#### ► MATERIALS IN CONTACT WITH FLUID

Body	PEEK (Polyketones)
Sealing	EPDM or FPM or FFPM

#### ► COIL

Continuous duty	ED 100%
Coil impregnation	Polyester resin
Encapsulation material	PBT (polybutylene-terephthalate) glass fibre reinforced
Yoke	External in zinc plated steel
Coil insulation class	F (155 °C)
Ambient temperature	-10 °C +60 °C
Electric connenctions	DIN 46340 - micro-connectors
Protection degree	IP 65 (EN 60529) with plug connector
Voltages DC	12-24V (+10% -5%) (Other voltages on request).

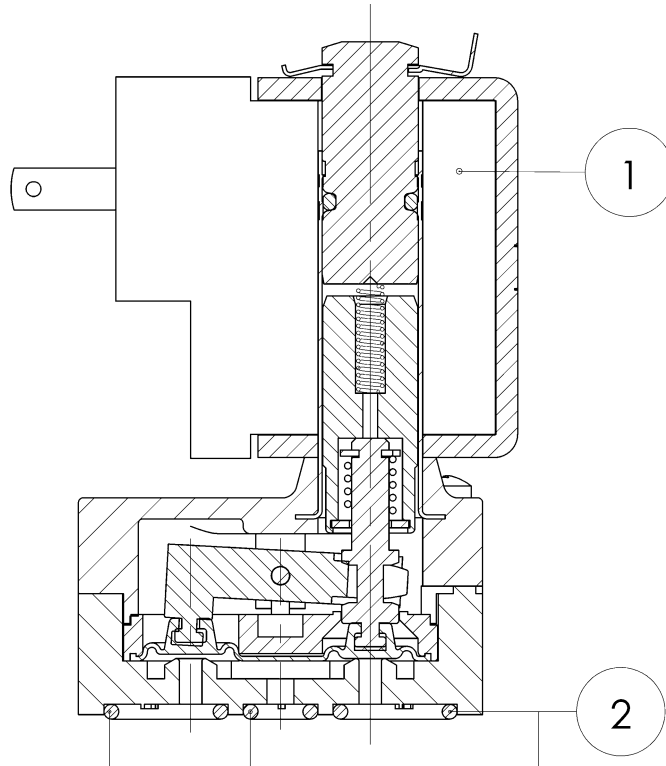
Port size	Orifice size (mm)	Differential pressure (bar)				Kv (m <sup>3</sup> /h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)	
		$\Delta p$ min	$\Delta p$ max		Valve		Coil	AC (VA)		DC (W)					
			Gases	Liquids				Inrush	Holding						
-	1,5	0	AC	DC	AC	DC	0,03	D351D01G D351V01G D351Z01G	ZE30A	-	-	4	EPDM FPM FFPM	-	0,040

#### ► NOTES

- Sealings : EPDM = Ethylene-propylene elastomer FPM = Fluoro-carbon elastomer FFPM = Perfluorate elastomer

# D351

## ► SPARE PARTS



### Kit description

O-Rings kit for interface plate

D351D01G (EPDM)  
D351V01G (FPM)  
D351Z01G (FFPM)

Coil

ZE30A

### Kit P.N.

GU2435000141  
GU2424000141  
GU2443000141

### Consisting of:

N° 10 OR for interface plate pos. 2

Coil pos. 1

## ► MOUNTING

- Solenoid valve can be mounted in any position; vertical with coil upwards preferred.
- Valves delivered with sealing O-Rings.