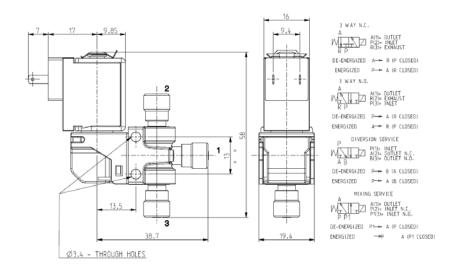


### **MICRO SOLENOID VALVE - DRY** 3/2 - UF (Universal function) Direct acting - Total isolation Slip-on

# **D301**



#### ► GENERAL FEATURES

Total isolation micro solenoid valve: the actuator is totally isolated from the medium so that the wetted parts are just the body and the diaphragm. Minimum overall dimension. Possibility of disassembling for inspection. Reduced internal volumes: ~0,15 ml (0,15 c.c.).

Core 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).

#### ► TECHNICAL FEATURES

Maximum allowable pressure (PS)	4
Opening time	~
Closing time	~
Fluid temperature	-
Max viscosity	5

4 bar ~10ms ~10m -10°C +90°C 5°E (~37 cStokes or mm<sup>2</sup>/s)

#### ▶ MATERIALS IN CONTACT WITH FLUID

Body Sealing

► COIL						
Continuous duty		ED 100%				
Encapsulation ma	terial	PET (polyethylene terephtalate) fiberglass reinforced				
Insulation class		F (155°C)				
Ambient temperat	ure	-10°C +60°C				
Electric connection	ns	DIN 46340				
Protection degree		IP 40 (EN 60529) with female wire terminals				
		2,8 x 0,5 totally insulated				
Voltages DC	2	12-24V (+10% -5%)				
-		(Other voltages on request).				

PSU (Polysulphone)

VMQ or FPM

Port size		Differential pressure (bar)						Carias and huma		Devues absorption					
	Orifice size		Δp max			Kv	Series and type		Power absorption			Coolingo	Notes	Weight	
	(mm)	∆p min	Ga	ses	Liquids (m <sup>3</sup> /h)		Valve	0-1	AC (VA) DC		Sealings	notes	(kg)		
			AC	DC	AC	DC		valve	Coil	Inrush	Holding	(W)			
Slip-on	4.5	0		2		2	0.00	D301S54	75204				VMQ	4	0.055
(*)	1,5	0	- 3	-	3	0,06	D301V54	ZE30A	-	-	4	FPM		0,055	

#### ► NOTES

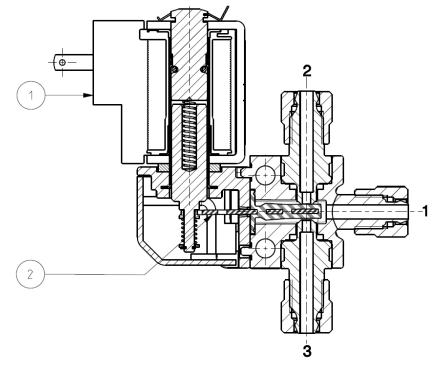
- Sealings: VMQ = Silicone elastomer FPM = Fluoro-carbon elastomer

1 - These valves can become 2/2 NC or 2/2 NO by mounting the screwed cap on the port as shown overleaf. The performances remain unchanged. (\*) Suitable for tube 3mm ID and 4,3mm OD.

1410/1509

## D301

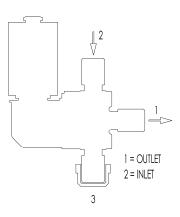
► SPARE PARTS



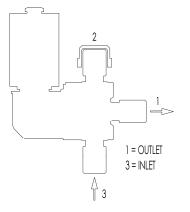
Kit description		Kit P.N.	Consisting of.		
Lever seal kit	D301S54 D301V54	2696903R 2696902R	Lever seal pos. 2		
Coil	ZE30A		Coil pos. 1		

## ASSEMBLING SCHEME - SEE NOTE 1

#### 2/2 SOLENOID VALVE NC



2/2 SOLENOID VALVE NO



► MOUNTING

- Solenoid valve can be mounted in any position.