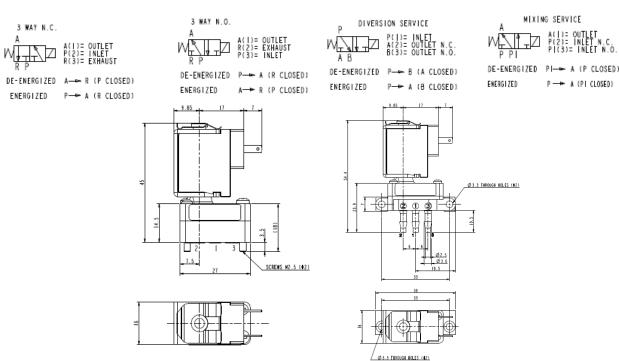


# **MICRO SOLENOID VALVE - DRY** 3/2 - UF (Universal function) Direct acting - Total isolation Sub-base - Barbed ports





D351D04G

# ► 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 volume: 67µl. 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).

## ► TECHNICAL FEATURES

Maximum allowable pressure (PS)	3 bar
Opening time	~20ms
Closing time	~ 30ms (D351D04G)
	~ 60ms (D351V06G)
Fluid temperature	-10°C +80°C
Max viscosity	5°E (~37 cStokes or mm <sup>2</sup> /s)

#### ► MATERIALS IN CONTACT WITH FLUID

D351V06G

Body Sealing

► COIL

Yoke

Voltages

PA 12 (polyamide) EPDM or FPM

ED 100% Continuous duty PA (polyamide) fiberglass reinforced Encapsulation material External in zinc plated steel Insulation class F (155°C) -10°C +60°C Ambient temperature Electric connections DIN 46340 with micro plug connector IP 65 (EN 60529) with micro plug connector Protection degree 12-24V (+10% -5%) DC (Other voltages on request)

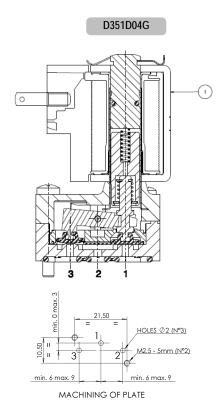
	Port size	Orifice size (mm)	Differential pressure (bar)						Covies and have		Device charaction					]	
			Δ min	Δp max				Kv	Series and type		Power absorption			Coolingo	Natas	Weight	
				Ga	ses	Liquids		(m³/h)	Valve	Coil	AC (VA)		DC	Sealings	Notes	(kg)	
				AC	DC	AC	DC		valve	Coll	Inrush	Holding	(W)				
	Sub-base	1,5	0	- 2	2	-	2	0,03	D351D04G	ZE30A	-	-	4	EPDM	- 1	0,040	
	Barbed-ports				2				D351V06G					FPM			

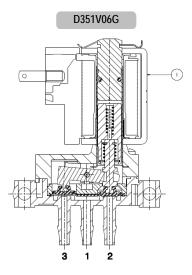
### ► NOTES

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

1 - Suitable for vacuum at any port up to 530mmHg (0,7 bar)

► SPARE PARTS





Kit description	Kit P.N.	Consisting of:
Coil	ZE30A	Coil pos. 1

### ► MOUNTING

- Solenoid valve can be mounted in any position.

- Valves delivered with sealing O-rings.

- M2,5 screws for sub-base mountings have to be tightened at torque between 0,8 and 1,2 Nm.