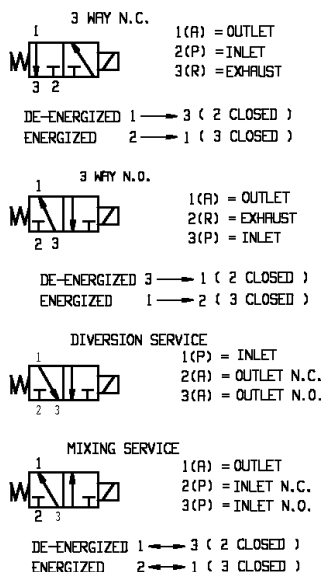
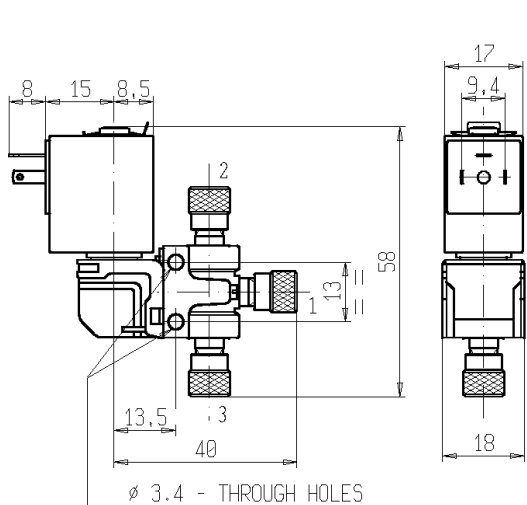




3/2 - DRY - MICRO SOLENOID VALVE - Universal service
Series D301 - Coil Z030A – Slip-on

ISO 9001



FEATURES - Direct acting, minimum overall dimension, total separation between the actuator and medium which remains in contact only with the valve body and the lever-seal. Designed to shut off liquid and gaseous media compatible with valve materials. Reduced internal volumes ~0,15 ml (0,15 c.c.) Possibility of disassembling for inspection. The parts subject to sliding friction are duty coated PTFE (polytetrafluorethylene) based self-lubricating material.

MOUNTING - In any position, vertical with coil upwards preferred.

VALVE - Molded body in PSU (Polysulphone) with slip-on ports for tube with 3mm ID and 4,3mm OD. Lever seal in elastomer as per table. Medium temperature -10°C to +90°C . Viscosity max 5 E° (~37 cStokes or mm²/s). Opening time ~10ms. Closing time ~10ms.

COIL - Rated for continuous duty only in DC (direct current). Coil in class "F" (+155°C) wound by class "H" wires (+180°C) vacuum impregnated by polyester resin and encapsulation into glass fibre reinforced PBT (polybutylene-terephthalate). Ambient temperature from -10°C to +60°C.

Standard voltages 12-24 V DC.

Voltage tolerance +10% -5%.

Electric plug connection (DIN 46340) or for 3 poles micro- connector.

Protection degree IP65 as per EN 60529 if the coil is duly fitted with its plug micro- connector.

Port size	Orifice size (mm)	Max pressure (bar)				Kv (m³/h)	Series and type		Power absorption			Seals	Notes	Weight (kg)
		Gases		Liquids			Valve	Coil	AC (VA)		DC (W)			
		AC	DC	AC	DC				Inrush	Holding				
Slip-on	1,5	-	3	-	3	0,06	D301 S51 D301 V51	Z030A	-	-	4	VMQ FPM	1	0,055

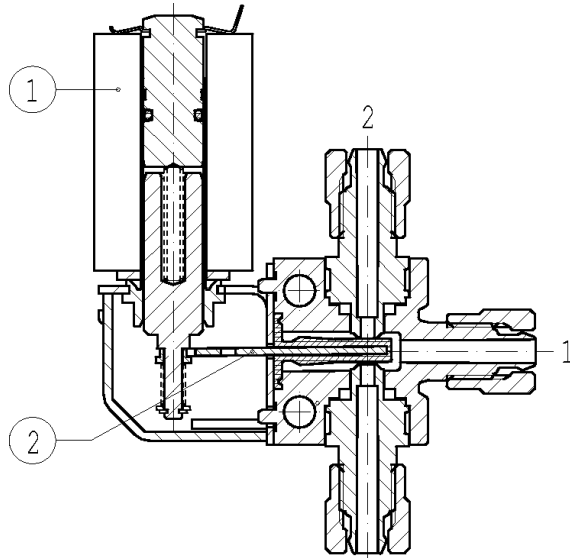
NOTES - Seal: VMQ = Silicone elastomer FPM = Fluoro-carbon elastomer

- Other voltages on request .

1 - These valves can become 2/2 N.C. or 2/2 N.O. by mounting the screwed cap on the port as shown overleaf. The performances remain unchanged.

SPARE PARTS

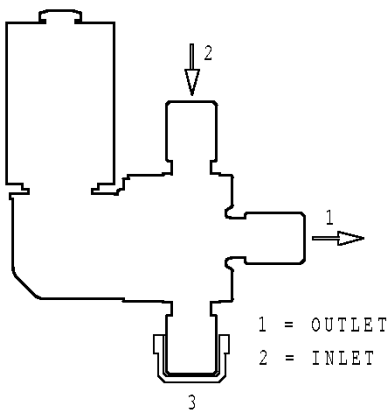
Series D301



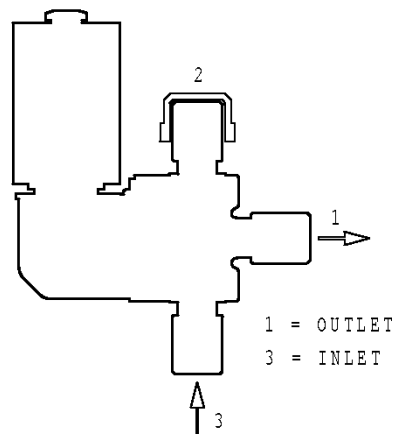
Kit Description	Kit P.N.	Consisting of:
Lever seal kit D301S51	2696903	Lever seal pos.2
Lever seal kit D301V51	2696902	Lever seal pos.2
Coil Z030A		Coil pos. 1

ASSEMBLING SCHEME (SEE NOTE 1)

2/2 WAY SOLENOID VALVE N.C.



2/2 WAY SOLENOID VALVE N.O.



NB - THE VALIDITY OF REPORTED DATA IS REFERRED TO THE DATE OF ISSUE. POSSIBLE UPDATING ARE AVAILABLE ON REQUEST