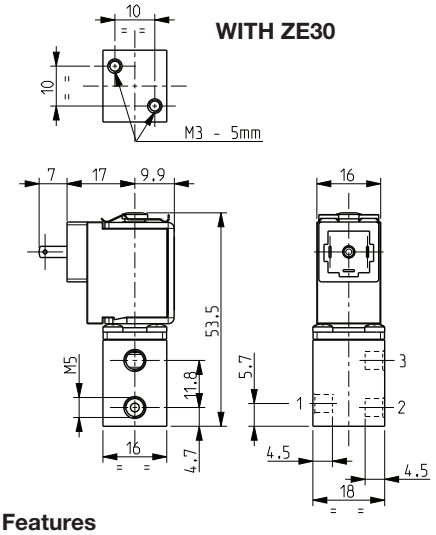
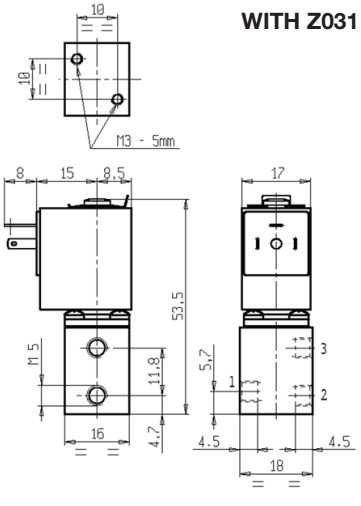
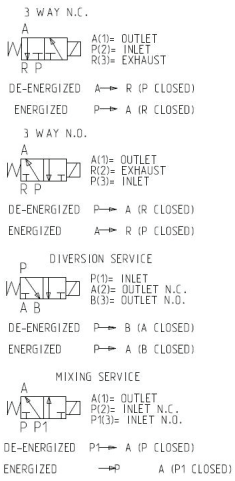
ASCO™ MICRO SOLENOID VALVE

3/2 NC - NO - UNIVERSAL SERVICE – DIRECT ACTING - M5

SERIES
V365







General Features

Direct acting micro solenoid valve. Minimum overall dimensions, quick response time and high number of cycles.
Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

Technical Features	
Maximum allowable pressure (PS)	16 bar
Opening time	from ~ 5ms to ~ 10ms
Closing time	from ~ 5ms to ~ 10ms
Fluid temperature	-10°C +90°C (NBR) 0°C +90°C (FPM)
Max viscosity	3°E (22 cStokes or mm²/s)

Materials in Contact with Fluid	
Body	Brass
Sealing	NBR or FPM
Internal components	Brass, PEI (Polyetherimide) and stainless steel
Seat	1↔2: Brass - 1↔3: PEI
Core tube	Brass
Shading ring	Copper (V365B08C – V365B08A)

Coil		
Continuous duty		ED 100%
Encapsulation material		PA (Polyamide) fiberglass reinforced
Insulation class		F (155°C)
Ambient temperature		-10°C +60°C
Electric connection		DIN 46340 – micro plug connector
Protection degree		IP 65 (EN 60529) with micro plug connector
Voltages	DC	**ZE30:** 12-24V (+10% - 5%)
		Z031: 24V/50Hz (+10% -15%)
	AC	(Other voltages and frequencies on request; the windings in AC are designed for max voltage 24V only)

Port size ISO UNI 4534	Orifice size (mm)	Differential pressure (bar)					Kv (m³/h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)
		Δp min	Δp max							AC (VA)		DC (W)			
			Gases		Liquids			Valve	Coil	Inrush	Holding				
			AC	DC	AC	DC									
M5	1,2	0	-	6	-	6	0,04	**V365B05C**	**ZE30C**	-	-	2,5	NBR	NC	0,090
				8		8		**V365B01C**	**ZE30A**			4			
			8	-	8	-		**V365B08C**	**Z031A**	6	5	-			
			-	6	-	6		**V365B01A**	**ZE30C**	-	-	2,5		NO	
				8		8			**ZE30A**			4			
			8	-	8	-		**V365B08A**	**Z031A**	6	5	-			
			-	6	-	6		**V365B01G**	**ZE30A**	-	-	4		US	
				6		6		**V365V01G**					FPM	US-1	
	2			2,5		2,5	0,08	**V365B01C**					NBR	NC	
				1,5		1,5		**V365B01G**						US	
				1,5		1,5		**V365V01G**					FPM	US-1	

Notes

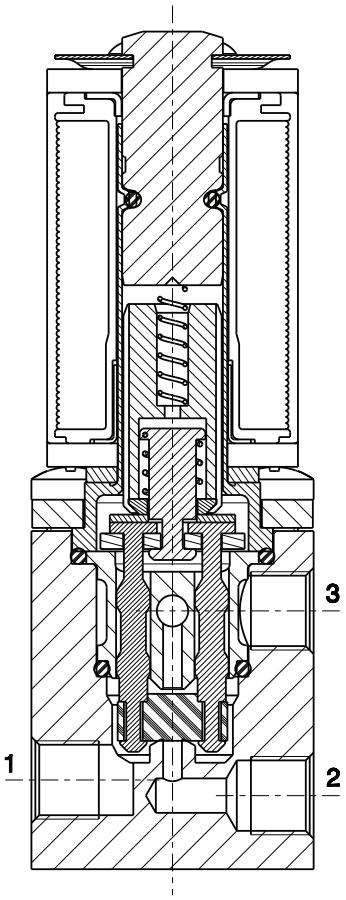
- These micro-solenoid valves are not suitable for stagnating media subject to vaporization which deposit solid, calcareous, incrusting residues or similar.
- Sealings: NBR = Nitrile-butylene elastomer FPM = Fluoro-carbon elastomer.

1 - Model available only on request; ask for minimum quantity.

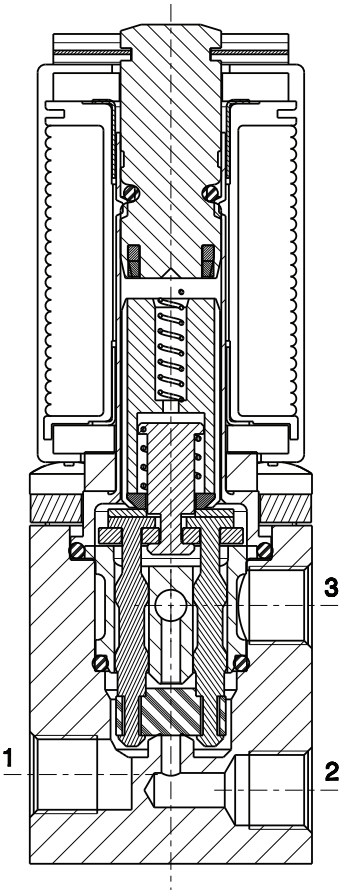
ASCO™ MICRO SOLENOID VALVE

3/2 NC - NO - UNIVERSAL SERVICE – DIRECT ACTING - M5

Spare Parts



V365B08A – B08C



Installation

- Solenoid valve can be mounted in any position; vertical with coil upwards preferred.

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