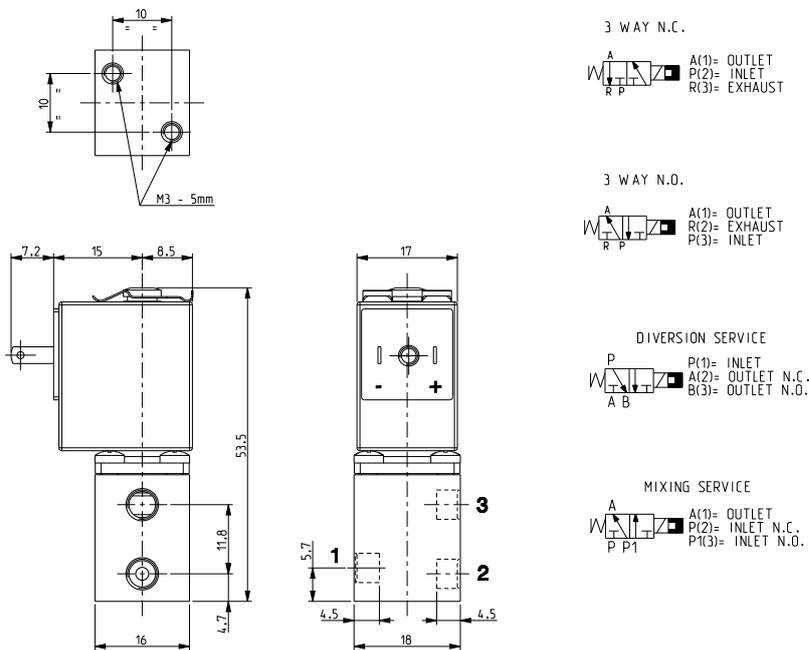


ASCO™ MICRO SOLENOID VALVE

3/2 UNIVERSAL SERVICE – DIRECT ACTING - M5

SERIES
V365



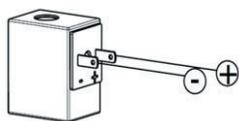
General Features

Direct acting micro solenoid valve; minimum overall dimensions.
Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

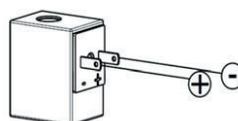
Technical Features	
Maximum allowable pressure (PS)	16 bar
Opening time	~20ms
Closing time	~20ms
Fluid temperature	-10°C +90°C
Max viscosity	3°E (-22 cStokes or mm ² /s)

Materials in Contact with Fluid	
Body	Brass
Sealing	NBR
Internal components	Brass, PEI (Polyetherimide) and stainless steel.
Seat	2→1: Brass - 1→3: PEI
Core tube	Brass

Coil	
Duty	Latching model, polarized type, operating by impulses
Min energizing time	20ms
Max energizing time	50ms
Encapsulation material	PP-V0 (self-extinguishing polypropylene)
Insulation class	A (105°C)
Ambient temperature	-10°C +60°C
Electric connections	DIN 46340 - 3 poles micro plug connectors
Protection degree	IP 65 (EN 60529) with micro plug connector
Voltages	DC 6-12V (+10% -10%) (Other voltages on request)



3 WAY N.C. : P→A (R CLOSED)
3 WAY N.O. : A→R (P CLOSED)
DIVERSION SERVICE : P→A (B CLOSED)
MIXING SERVICE : P→A (P1 CLOSED)



3 WAY N.C. : A→R (P CLOSED)
3 WAY N.O. : P→A (R CLOSED)
DIVERSION SERVICE : P→B (A CLOSED)
MIXING SERVICE : P1→A (P CLOSED)

Port size ISO UNI 4534	Orifice size (mm)	Δp min	Differential pressure (bar)				Kv (m ³ /h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)
			Δp max					Valve	Coil	AC (VA)		DC (W)			
			Gases		Liquids					Inrush	Holding				
M5	1,2	0	AC	DC	AC	DC	0,04	V365B03G	Z070D	-	-	2	NBR	-	0,090

Notes

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

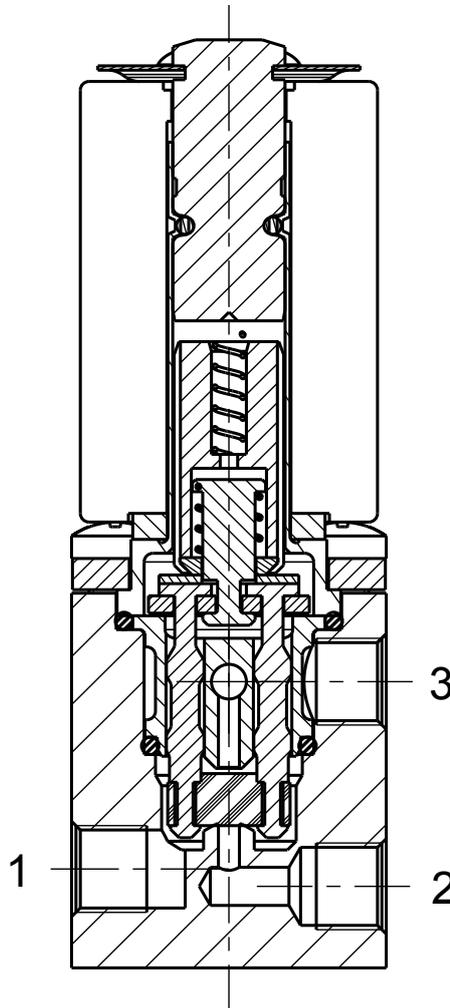
LATCHING MODEL

SERIES
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ASCO™ MICRO SOLENOID VALVE

3/2 UNIVERSAL SERVICE – DIRECT ACTING - M5

Spare Parts



Installation

- Solenoid valve can be mounted in any position; vertical with coil upwards preferred.
- In case of disassembly for maintenance, it is important that the solenoid valves be reassembled with the respective components. An eventual exchange of components (the coil included) between different valves can compromise its operation. The potential replacement of the coil should necessarily be made in factory.

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