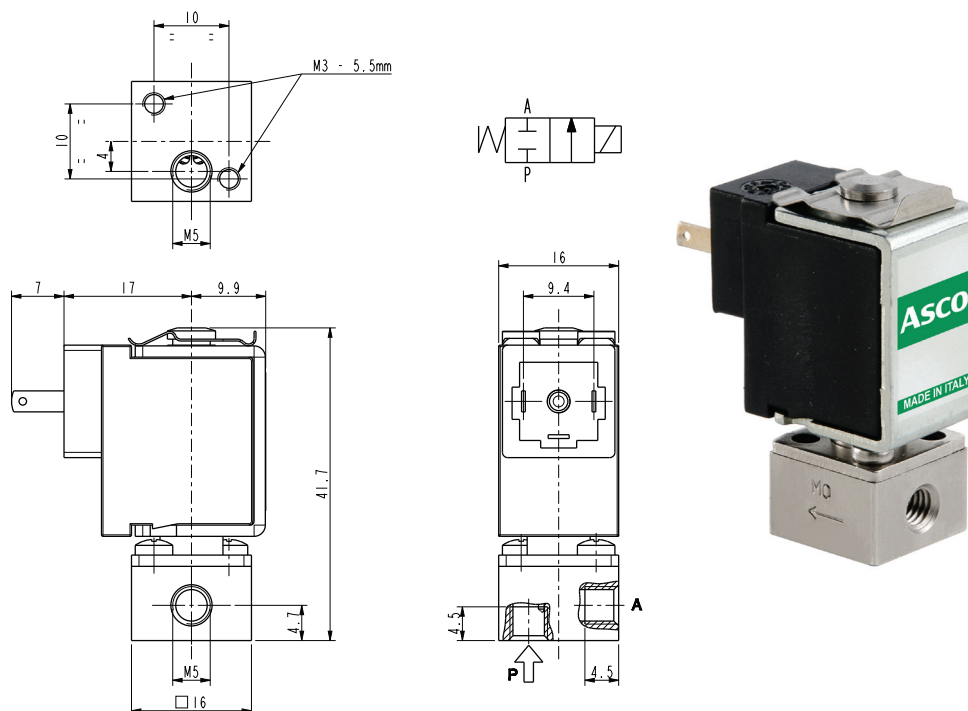


ASCO™ MICRO SOLENOID VALVE

2/2 NORMALLY CLOSED – DIRECT ACTING - M5

SERIES
V165-V09



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	-0°C +130°C
Max viscosity	3°E (~22 cStokes or mm²/s)

Materials in Contact with Fluid	
Body	Brass with chemical nickel coating (Ni-P)
Sealing	FPM
Internal components	Stainless steel
Seat	Brass with chemical nickel coating (Ni-P)
Core tube	Stainless steel

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

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)					
			Gases			Liquids			Inrush		Holding	DC (W)					
			AC	DC		AC	DC										
M5	1,1	0	-	10	-	10	0,04	V165V09	ZE30C	-	-	2,5	FPM	1	0,060		

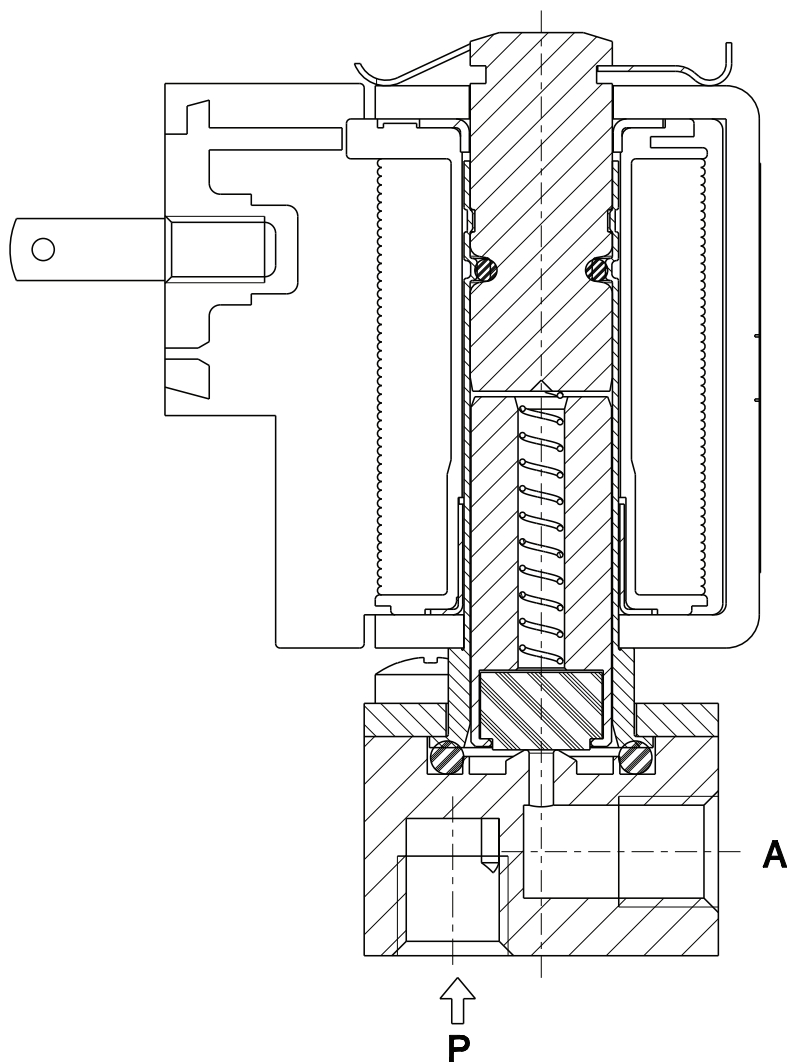
Notes

- These micro-solenoid valves are not suitable for stagnating media subject to vaporization which deposit solid, calcareous, incrusting residues or similar.
- Seal: FPM = Fluoro-carbon elastomer
- 1 - Solenoid valves with core coated by PTFE (polytetrafluorethylene).

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Spare Parts



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