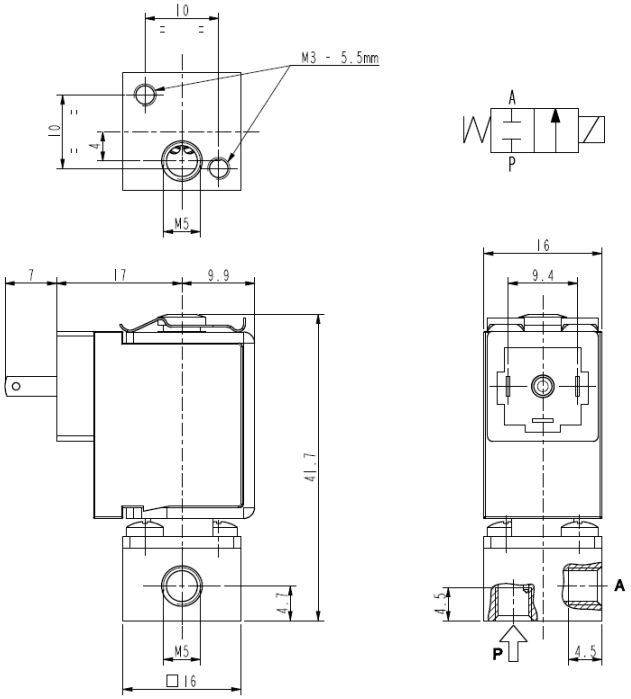
MICRO SOLENOID VALVE
2/2 - NC (Normally closed)
Direct acting
M5

V165V09



► 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 mm^2/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 (m^3/h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)
		Δp min	Δp max												
			Gases		Liquids			Valve	Coil	AC. (VA)		DC. (W)			
			AC	DC	AC	DC				Inrush	Holding				
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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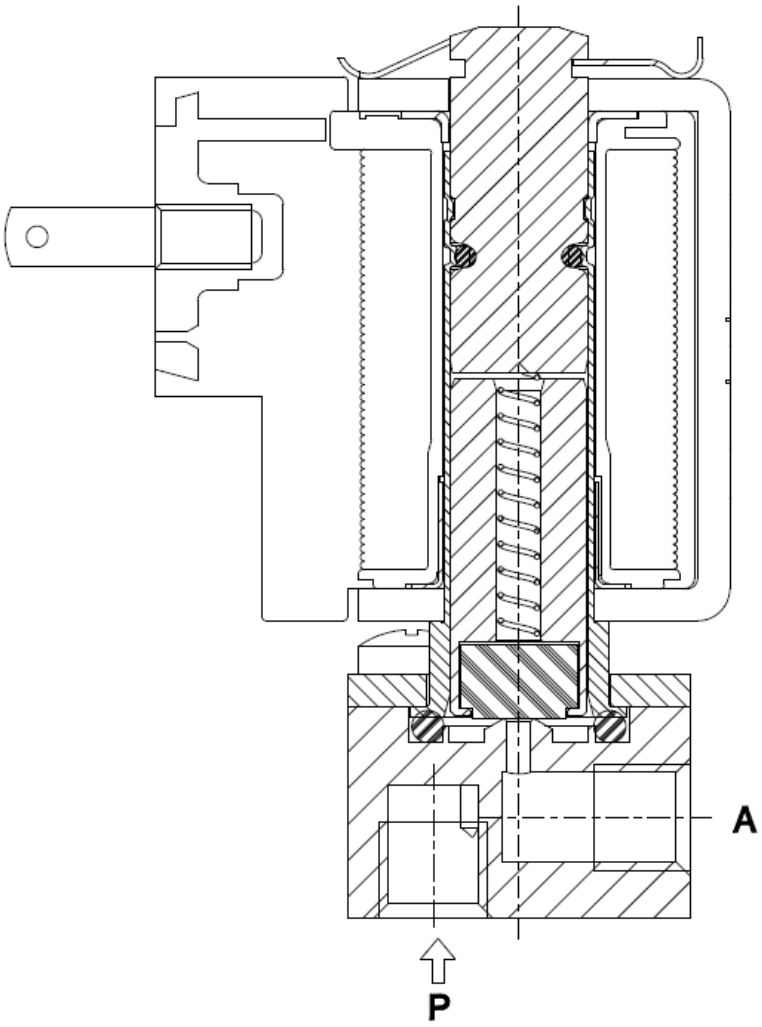
►SPARE PARTS



► MOUNTING

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