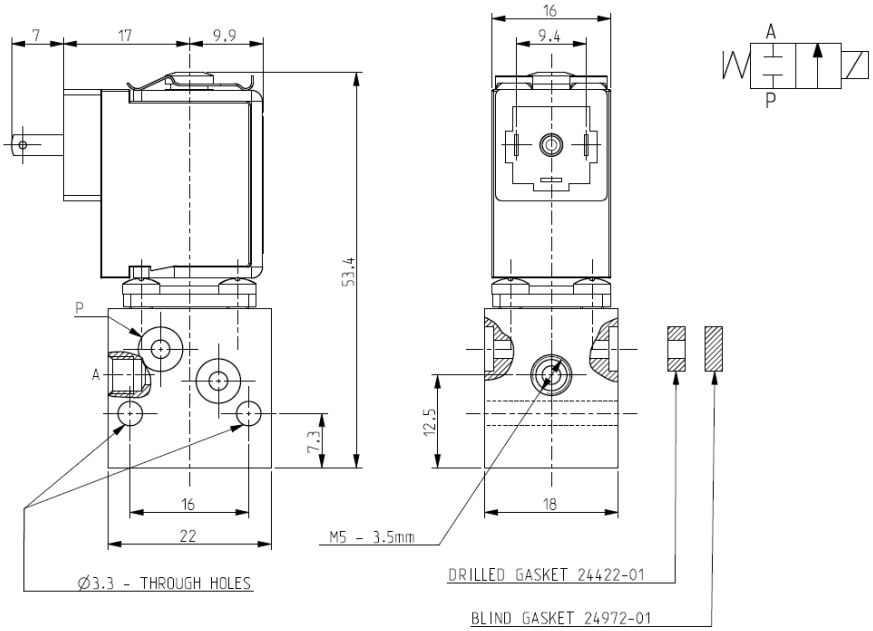
MICRO SOLENOID VALVE
2/2 - NC (Normally closed)
Direct acting
M5

V162
MOUNTING IN BANKS



► GENERAL FEATURES
Direct acting micro solenoid valve.
Minimum overall dimensions, quick response time and high number of cycles.
Designed for mounting in banks so to get valve groups with common inlets and single and independent outlets. Seal gasket for coupling supplied with the valve. Inlet and closing groups supplied separately.
A through hole on the body valve allows to connect the inlet with another user (e.g. pressure reducer).
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 +90°C
Max viscosity	3°E (22 cStokes or mm^2/s)

► MATERIALS IN CONTACT WITH FLUID

Body	Brass
Sealing	FPM – NBR (Gaskets)
Internal components	Stainless steel
Seat	Brass
Core tube	Brass

► COIL

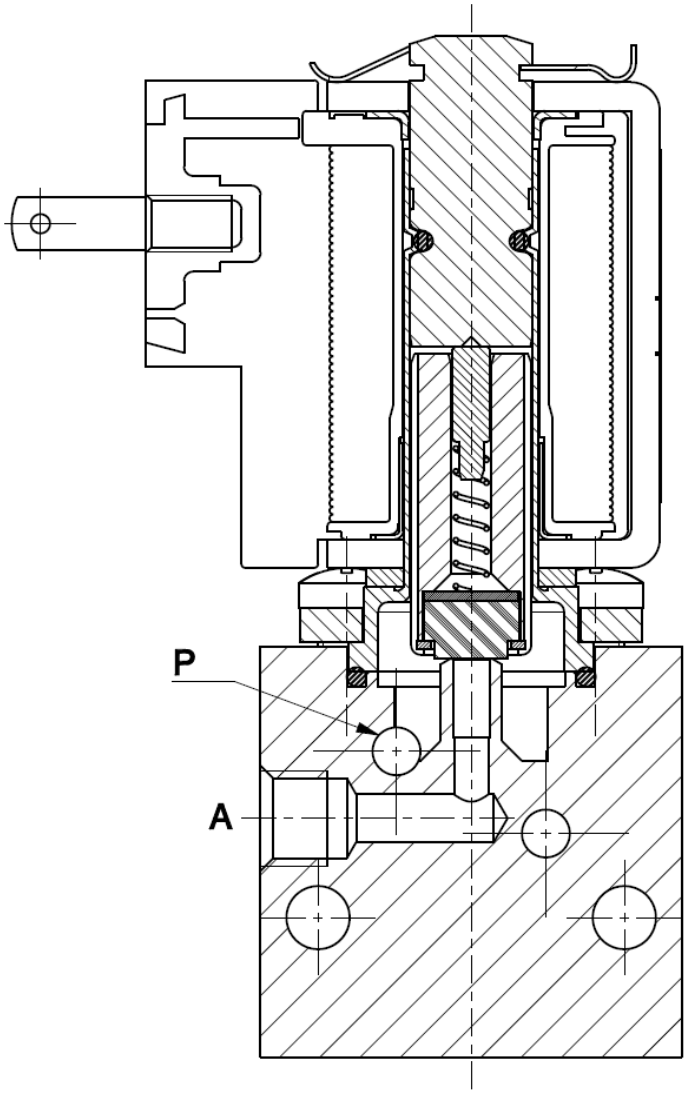
Continuous duty	ED 100%
Encapsulation material	PA (Polyamide) fiberglass reinforced
Insulation class	F (155°C)
Ambient temperature	-10°C +60°C
Electric connections	DIN 46340
Protection degree	IP 65 (EN 60529) with micro plug connector
Voltages DC	12 - 24V (+10% -5%) (Other voltages on request)

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					Valve	Coil	AC (VA)		c.c. (W)			
			Gases		Liquids					Inrush	Holding				
			AC	DC	AC	DC									
Outlet M5	2	0	-	6	-	6	0,10	V162B02	ZE30A	-	-	4	FPM/NBR	1	0,105
				2		2			ZE30C			2,5			

► NOTES
- These micro-solenoid valves are not suitable for stagnating media subject to vaporization which deposit solid, calcareous, incrusting residues or similar.
- Sealings: FPM = Fluoro-carbon elastomer NBR = Nitrile butylene elastomer
1 - Port A can be also used as inlet (Δp max = 1 bar).

1410/1704

► SECTIONAL VIEW



► INSTALLATION

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