

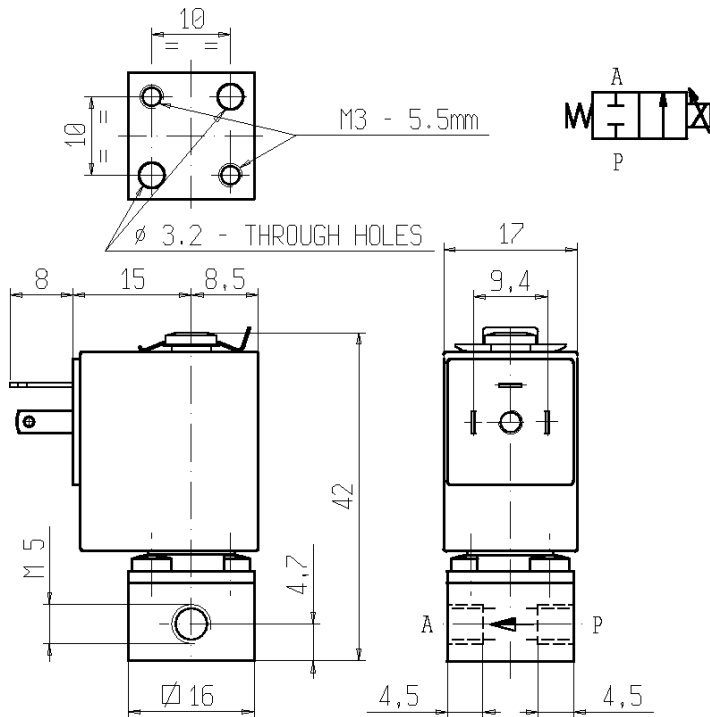


## 2/2 – MICRO SOLENOID VALVE - Normally closed (N.C.)

Series **V164** - Coil Z030A - Port size M5

Proportional model

ISO 9001



**FEATURES** - Direct acting micro solenoid valve, minimum overall dimensions. Designed to shut off liquid and gaseous media compatible with valve materials. Proportional control of the media output through voltage change. The proportional response feature (flow rate/voltage) can be calibrated by the manufacturer in order to satisfy the most different applications. In the charts overleaf the features of the standard valves are indicated.

**MOUNTING** - In any position, vertical with coil upwards preferred.

**VALVE** - Brass body. Internal parts in stainless steel and guide assembly in chemically nickel plated brass (Ni-P). Calibration as per table. Medium temperature from -10°C to +90°C. Viscosity max 3 E° (~22 cStokes or mm<sup>2</sup>/s).

**COIL** - Rated for continuous duty only in DC (direct current). Coil in class "F" (+155°C) wound by class "H" wires (+180°C) vacuum impregnated by polyester resin and encapsulated into glass fibre reinforced PBT (polybutylene-terephthalate).

Ambient temperature from -10°C to +60°C.

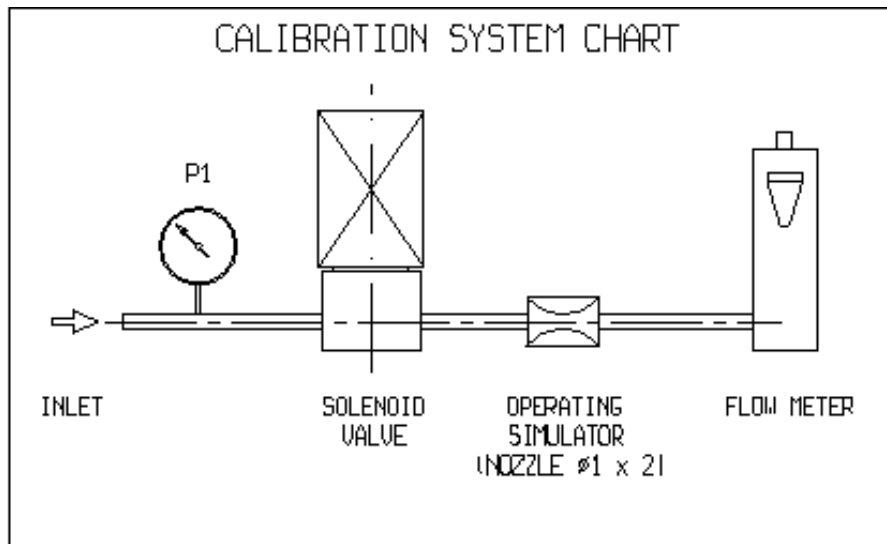
Standard voltage 24 V DC.

Electric plug connection (DIN 46340) or for 3 poles micro-connector.

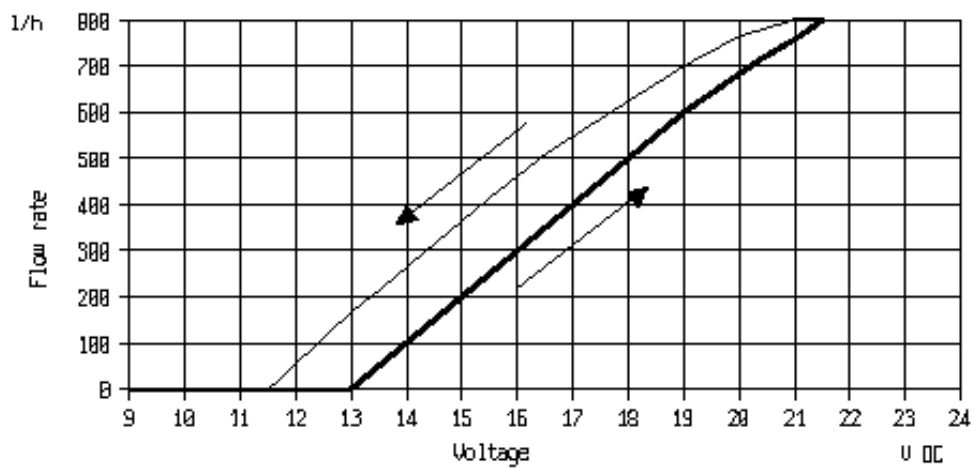
Protection degree IP65 as per EN 60529 if the coil is duly fitted with its micro-connector.

Port size ISO-UNI 4534	Orifice Size (mm)	Calibration pressure (bar)				Max operating pressure (bar)	Kv (m <sup>3</sup> /h)	Series and type		Power absorption			Seals	Notes	Weight (kg)
		Gases		Liquids				Valve	Coil	AC (VA)		DC (W)			
		AC	DC	AC	DC					Inrush	Holding				
M5	1,6	-	1	-	1	3	0,04	V164B01	Z030A	-	-	4	NBR	-	0,060
			3,5		3,5										

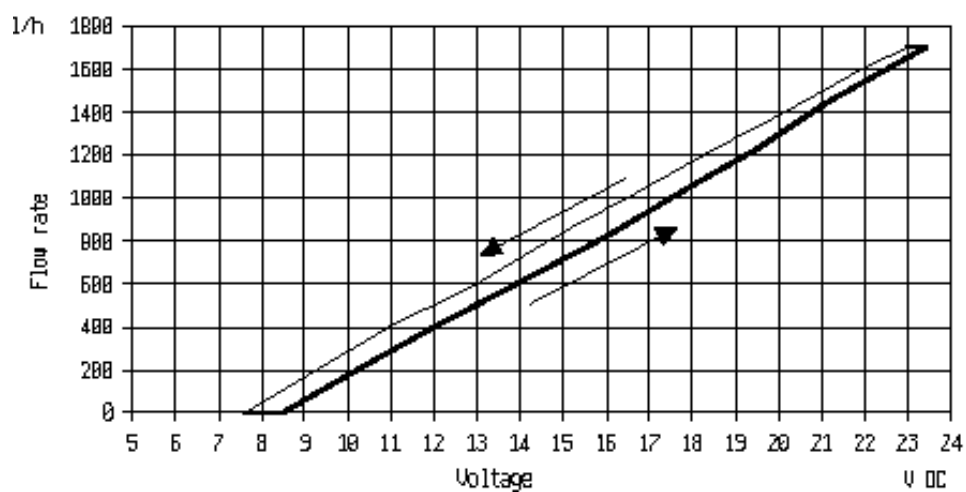
- NOTES**
- These micro-solenoid valves are not suitable for stagnating media subject to vaporization which deposit solid, calcareous, incrustant residues or similar.
  - Seal: NBR = Nitrile-butylene elastomer
  - Other calibration pressures see V164B90.



U164B01 P1 = 1 bar dehumidified and not lubricated air



U164B02 P1 = 3.5 bar dehumidified and not lubricated air



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