



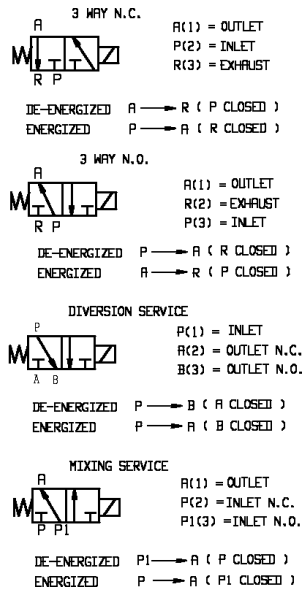
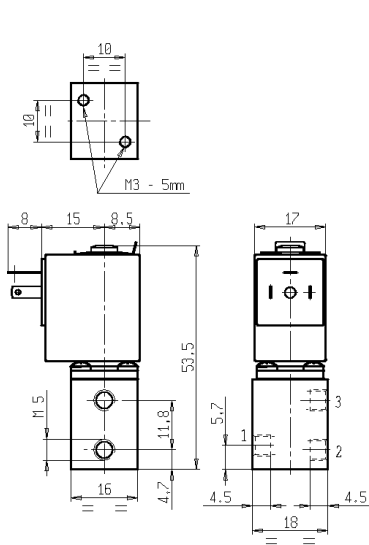
# 3/2 - MICRO SOLENOID VALVE

# V365

Normally closed (N.C.) - Normally open (N.O.) - Universal service (U.S.)

Series **V365** - Coil Z030A - Z030C - Port size M5

ISO 9001



**FEATURES** - Direct acting micro solenoid valve, minimum overall dimensions, quick response time and high number of cycles. Designed to shut off liquid and gaseous media compatible with valve materials.

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

**VALVE** - Brass body and guide assembly. Internal parts in brass, PEI (Polyetherimide) and stainless steel. Seals as per table. Medium temperature from -10°C to +90°C (NBR) from 0°C to +90°C (FPM). Viscosity max 3 E° (~22 cStokes or mm<sup>2</sup>/s). Opening time from ~5ms to ~10ms. Closing time from ~5ms to ~10ms.

**COIL** - Rated for continuous duty in AC (alternate current) or 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 voltages 24V /50Hz. AC and 12-24 V DC.

Voltage tolerance +10% -15% AC and +10% -5% DC.

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

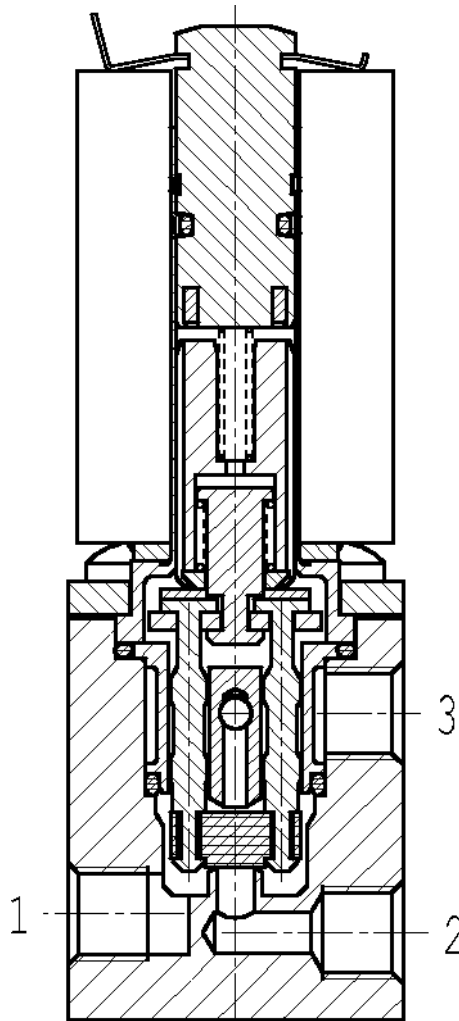
Protection degree IP65 as per EN 60529 if the coil is duly fitted with its micro- connector.

Port size ISO UNI 4534	Orifice size (mm)	Max pressure (bar)				K <sub>v</sub> (m <sup>3</sup> /h)	Series and type		Power absorption			Use-Notes	Weight (kg)
		Gases		Liquids			Valve	Coil	AC (VA)		DC (W)		
		AC	DC	AC	DC				Inrush	Holding			
M5	1,2	6	6	6	6	0,04	V365B05C	Z030C	4	3	2,5	N.C.	0,090
		8	8	8	8		V365B01C	Z030A	6	5	4		
		8	6	8	6		V365B01A	Z030C	4	3	2,5		
		8	8	8	8		V365B01G	Z030A	6	5	4	U.S.	
		6	6	6	6		V365V 01C					N.C.	
		8	8	8	8		V365V01G					U.S.	
		6	6	6	6								
	2	1,5	1,5	1,5	1,5	0,08	V365B05C	Z030C	4	3	2,5	N.C.	
		2,5	2,5	2,5	2,5		V365B01C	Z030A	6	5	4	N.C.	
		1,5	1,5	1,5	1,5		V365B01G					U.S.	
		1,5	1,5	1,5	1,5		V365V01G						

- 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 FPM = Fluoro-carbon elastomer.
  - Other voltages and frequencies on request: the windings in AC are designed for max voltage 24 V.

# SECTIONAL VIEW

## Series V365



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