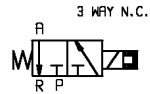
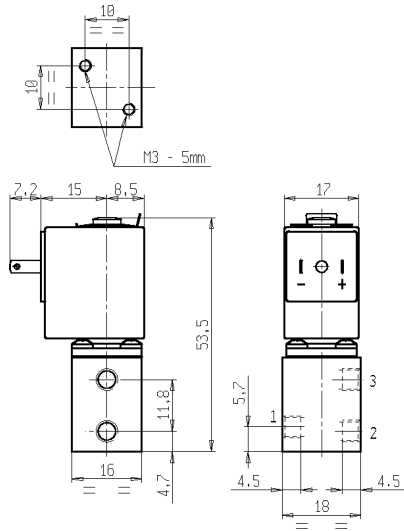


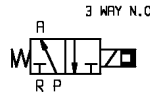


MICRO SOLENOID VALVE
3/2 - US (Universal service)
Direct acting
M5

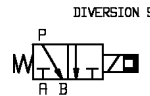
V365
LATCHING MODEL



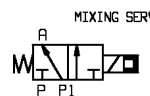
3 WAY N.C.
 R(1) = OUTLET
 P(2) = INLET
 R(3) = EXHAUST



3 WAY N.O.
 R(1) = OUTLET
 R(2) = EXHAUST
 P(3) = INLET



DIVERSION SERVICE
 P(1) = INLET
 R(2) = OUTLET N.C.
 B(3) = OUTLET N.O.



MIXING SERVICE
 R(1) = OUTLET
 P(2) = INLET N.C.
 P1(3) = INLET N.O.



► **GENERAL FEATURES**

Direct acting micro solenoid valve; minimum overall dimensions.
 Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

► **TECHNICAL FEATURES**

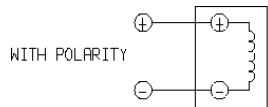
Maximum allowable pressure (PS) 16 bar
 Opening time ~20ms
 Closing time ~20ms
 Fluid temperature -10°C +90°C
 Max viscosity 3°E (~22 cStokes or mm²/s)

► **MATERIALS IN CONTACT WITH FLUID**

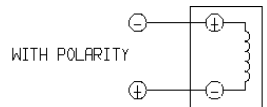
Body Brass
 Sealing NBR
 Internal components Brass, PEI (Polyetherimide) and stainless steel.
 Seat 2 → 1: Brass - 1 → 3: PEI
 Core tube Brass
 Shading ring Copper

► **COIL**

Duty Latching model, polarized type, operating by impulses.
 Minimum energizing time 20ms
 Encapsulation material PP-V0 (self-extinguishing polypropylene)
 Insulation class A (105°C)
 Ambient temperature -10°C +60°C
 Electric connections DIN 46340 - 3 poles micro plug connectors
 Protection degree IP 65 (EN 60529) with micro plug connector
 Voltages DC 6-12V (+10% -10%)
 (Other voltages on request)



WITH POLARITY
 3 WAY N.C.: P → A (R CLOSED)
 3 WAY N.O.: A → R (P CLOSED)
 DIVERSION SERVICE: P → A (B CLOSED)
 MIXING SERVICE: P → A (P1 CLOSED)



WITH POLARITY
 3 WAY N.C.: A → R (P CLOSED)
 3 WAY N.O.: P → A (R CLOSED)
 DIVERSION SERVICE: P → B (A CLOSED)
 MIXING SERVICE: P1 → A (P CLOSED)

| 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 | | | | Valve | Coil | AC. (VA) | | DC. (W) | | | | |
| | | | Gases | | Liquids | | | | Inrush | Holding | | | | | |
| | | | AC | DC | AC | | | | | | | | | | DC |
| M5 | 1,2 | 0 | - | 2,5 | - | 2,5 | 0,04 | V365B03G | Z070D | - | - | 2 | NBR | - | 0,090 |

► **NOTES**

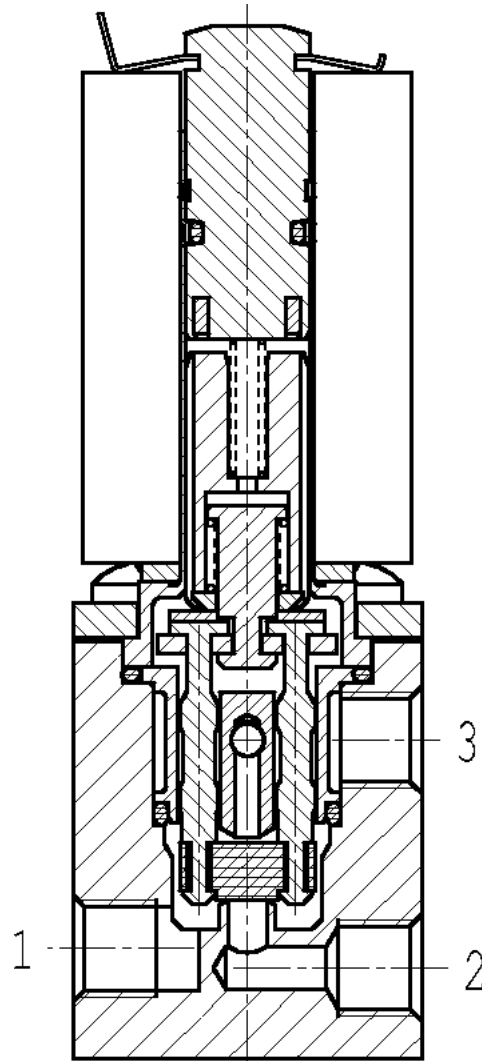
- These micro-solenoid valves are not suitable for stagnating media subject to vaporization which deposit solid, calcareous, incrusting residues or similar.
 - Seal: NBR = Nitrile-butylene elastomer

06050711

V365

LATCHING MODEL

► SECTIONAL VIEW



► MOUNTING

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