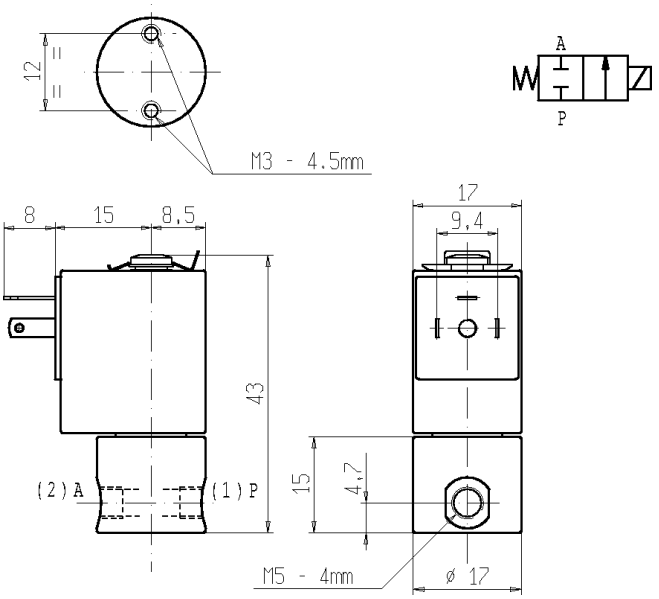
D103

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

Series D103 - Coil Z030C – Port size M5

ISO 9001



FEATURES - Direct acting, total separation between the actuator and medium which remains in contact only with the valve body and the diaphragm. Designed to shut off liquid and gazeous media compatible with valve materials. Reduced internal volumes: ~0,07 ml (0,07 c.c.). Possibility of disassembling for inspection.

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

VALVE - Body in stainless steel AISI 316. Diaphragm in elastomer as per table. Medium temperature from -10°C to +100°C . Viscosity max 5 E° (~37 cStokes or mm²/s).Opening time ~10ms. Closing time ~10ms.

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-terephtalate). Ambient temperature from -10°C to +60°C.
Standard voltages 12-24 V DC.
Voltage tolerance +10% -5%.
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 plug micro-connector.

Port size ISO UNI 4534	Orifice size (mm)	Max pressure (bar) Gases and liquids				Kv (m^3/h)	Series and type		Power absorption			Seals	Notes	Weight (kg)
		Inlet from (1)		Inlet from (2)			Valve	Coil	AC (VA)		DC (W)			
		AC	DC	AC	DC				Inrush	Holding				
M5	1,6	-	2	-	0,6	0,04	D103 01	Z030C	-	-	2,5	EPDM	-	0,050
							D103 02					VMQ		
							D103 03					FPM		

NOTES
- The max pressure value, in bar, indicated in the table, has to be understood with zero pressure downstream the valve and can be reduced if there is a reduction of orifice downstream.
- Seal: EPDM = Ethylene-propylene elastomer VMQ = Silicone elastomer FPM = Fluoro-carbon elastomer
- Other voltages on request

0105/0106

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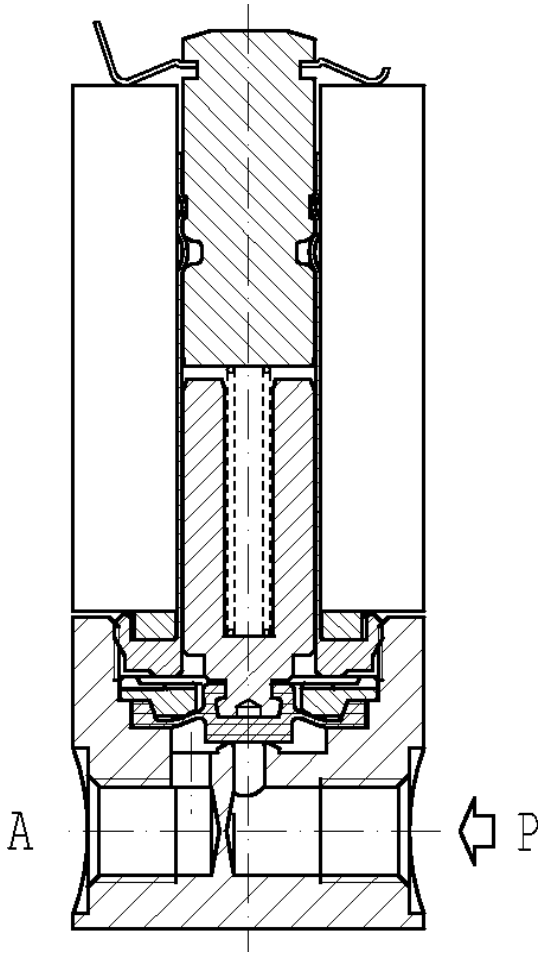
SPARE PARTS

Series D103



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