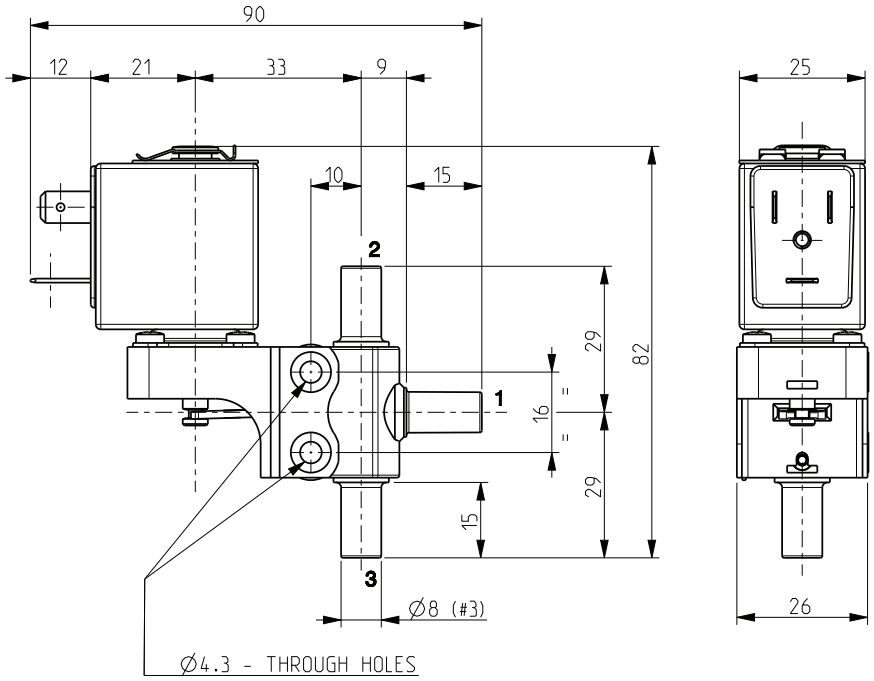
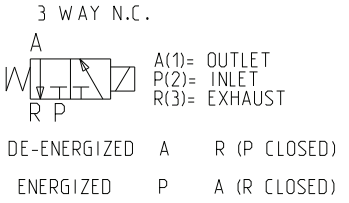
ASCO™ SOLENOID VALVE - DRY

2/2 NC - DIRECT ACTING - TOTAL ISOLATION - BARBED PORT

SERIES
D318-D05C





General Features

Direct acting, total isolation solenoid valve: the actuator is totally isolated from the fluid so that the wetted parts are just the body and the lever-seal.
Possibility of disassembling for inspection.
Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

Technical Features	
Maximum allowable pressure (PS)	12 bar
Opening time	~ 25ms
Closing time	~ 25ms
Fluid temperature	-10°C +100°C
Ambient temperature	-10°C +60 °C
Max viscosity	5°E (~37 cStokes or mm²/s)

Materials in Contact with Fluid	
Body	PEI (Polyetherimide)
Sealing	EPDM

Coil		
Continuous Duty		ED 100%
Encapsulation material		PET (polyethylene terephtalate) fiberglass reinforced
Insulation class		H (180°C)
Electric connections		DIN 46340 - 3 poles connector
Protection degree		IP 65 (EN 60529) with plug connector
Voltages	DC	12-24V (+10% -5%)
		(Other voltages on request)

Approvals

NSF certified

Port size	Orifice size (mm)	Differential pressure (bar)					Kv (m^3/h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)
		Δp min	Δp max												
			Gases		Liquids			Valve	Coil	AC (VA)		DC (W)			
			AC	DC	AC	DC				Inrush	Holding				
Barbed port	3,4	0	-	1	-	1	0,30	**D318D05C**	**Z614A**	-	-	6	EPDM	1	0,180

Notes

- Sealings: EPDM = Ethylene-propylene elastomer

1 - Suitable for diverting operation with Δp max=6 bar (inlet pressure at port 1 by using either port 2 or 3 as outlets free from throttling).

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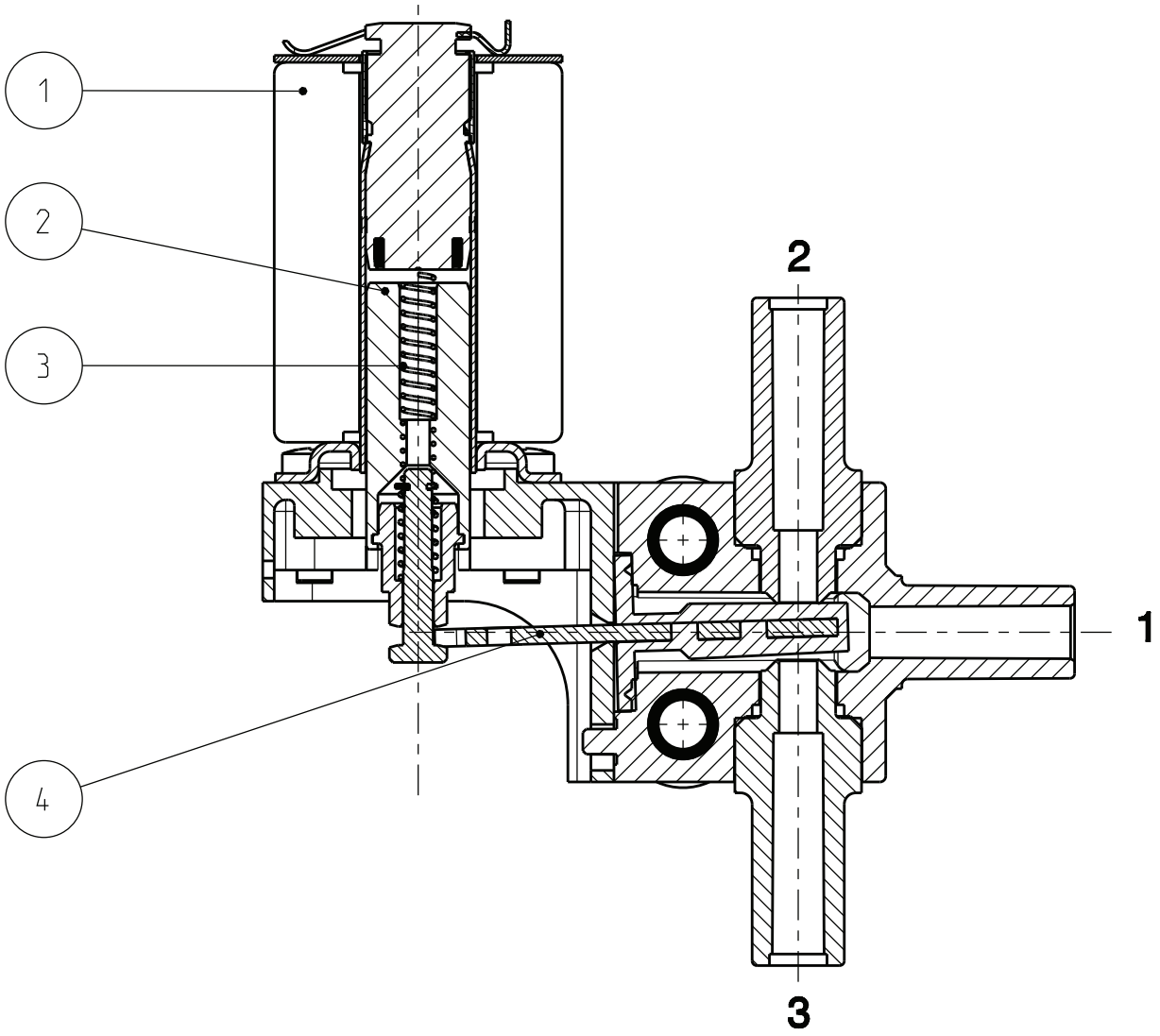
Spare Parts



Kit description	Kit P.N.	Consisting of:
Core kit	G3049604	Core pos.2 Core return spring pos.3
Lever seal	2815206R	Lever seal pos.4
Coil	Z614A	Coil pos. 1

Installation
- Solenoid valve can be mounted in any position.