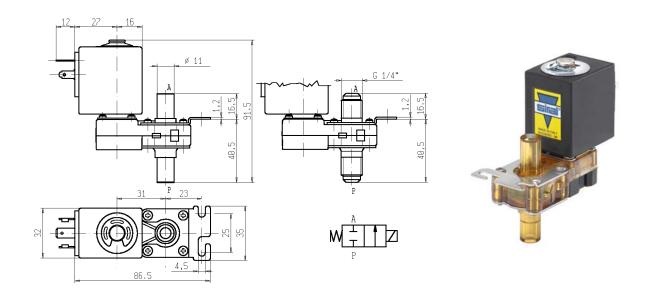


SOLENOID VALVE - DRY 2/2 - NC (Normally closed) Direct acting - Total isolation G 1/4 - Barbed port



► 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.

Core duly coated by PTFE(polytetrafluoroethylene) based self lubricating material.

Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

► TECHNICAL FEATURES

Max viscosity 5°E (~37 cStokes or mm²/s)

► MATERIALS IN CONTACT WITH FLUID

Body PEI (Polyetherimide)
Sealing EPDM or FPM or VMQ

► COIL

Continuous duty ED 100%

Encapsulation material PET (polyethylene terephtalate) fiberglass reinforced

Insulation class F (140°C)
Ambient temperature -10°C +60°C

Electric connections
Protection degree

DIN 46340 - 3 poles connector (EN175301-803)
Protection degree

DIN 46340 - 3 poles connector (EN175301-803)
IP 65 (EN 60529) with plug connector

Voltages DC 12-24V (+10% -5%)

AC 24V/50Hz - 110V/50Hz (120V/60Hz) – 230V/50Hz

(+10% -15%)

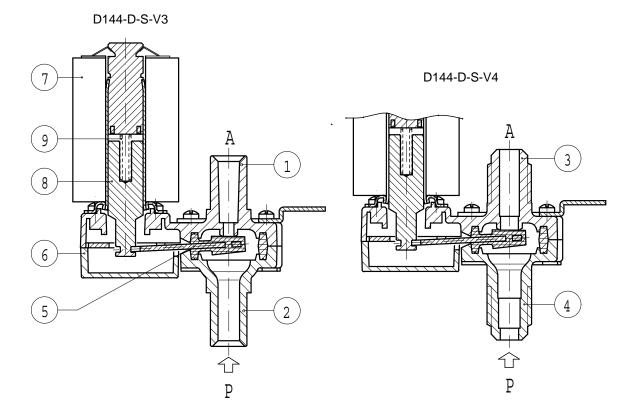
(Other voltages and frequencies on request)

	Orifice size (mm)	Differential pressure (bar)					Kv	Series and type		Power absorption			Sealings	Notes	Weight
Port size G = ISO 228		Δp min	Δp max												
			Gases		Liquids		(m ³ /h)	Valve	Coil	AC (VA)		DC	Sealings	Notes	(kg)
			AC	DC	AC	DC		valve	Coll	Inrush	Holding	(W)			
Barbed port	5,5	0	4,5	1	4,5	1	0,55	D144D3	Z530A	23	14	9	EPDM	1	
								D144V3					FPM	-	
			1,5	1	1,5	1		D144S3					VMQ	- 1 - 1	0,255
G 1/4	3,2	- 0	10	2,4	10	2,4	0,32	D144D4					EPDM		
								D144V4					FPM		
			1,5	1,5	1,5	1,5		D144S4					VMQ		
	5,5		4,5	1	4,5	1	0,55	D144D4					EPDM		
								D144V4					FPM		
			1,5	1	1,5	1		D144S4					VMQ		

► NOTES

- Sealings: EPDM = Ethylene-propylene elastomer VMQ = Silicone elastomer FPM = Fluoro-carbon elastomer.
- On request and depending on quantities: silent execution (only for DC); see the corresponding data sheet
- 1 Model available on request only: ask for minimum quantity.

► SPARE PARTS



Kit description		Kit P.N.	Consisting of:
Body kit	D144-D3-S3-V3	G2846402	Upper body pos.1 Lower body pos.2
Body kit	D144-D4-S4-V4 Ø3,2 D144-D4-S4-V4 Ø5,5	G2846801 G2846802	Upper body pos.3 Lower body pos.4
Core kit		G2999201	Core pos.8 Core return spring pos.9
Lever seal kit	D144D3-D4 D144S3-S4 D144V3-V4	2977703R 2977704R 2977702R	Lever seal kit pos. 5
Cover		3119801R	Cover pos. 6
Coil		Z530A	Coil pos. 7

► INSTALLATION

- In case of disassembling, for usual maintenance, the fixing screws have to be tightened at 0,6 Nm max torque.
 Solenoid valve can be mounted in any position; vertical with coil upwards preferred.
 Maximum driving torque of the pipe fittings for thread connections = 10Nm.