



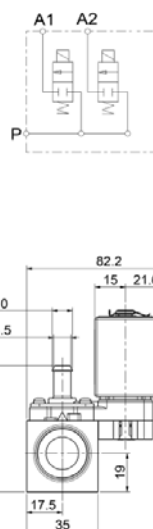
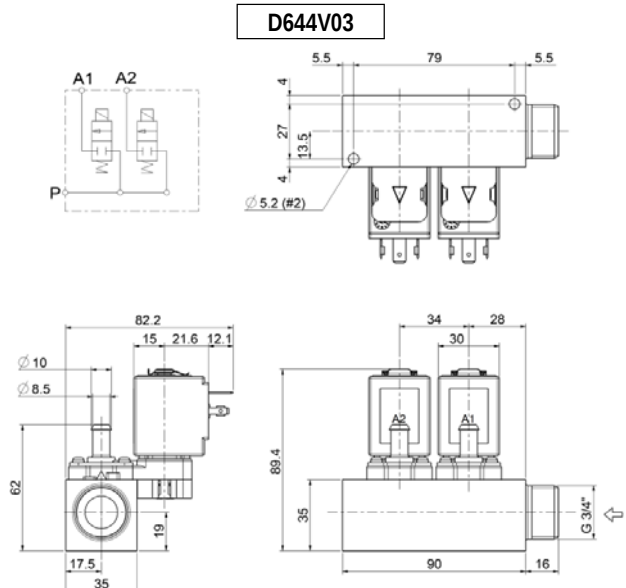
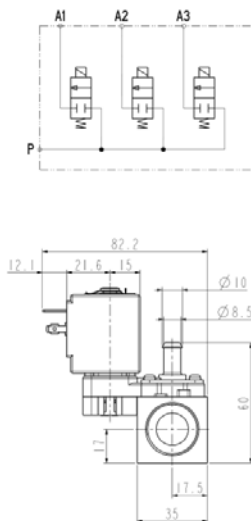
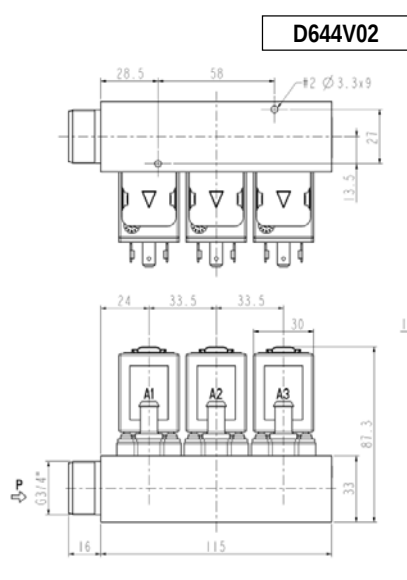
MANIFOLD WITH 2 or 3 SOLENOID VALVES - DRY

2/2 - NC (Normally closed)

Direct acting - Total isolation

G 3/4 - Barbed ports

D644



► GENERAL FEATURES

Total isolation manifold with 2 or 3 direct acting solenoid valves.
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

Maximum allowable pressure (PS) 6 bar
Opening time ~ 25ms
Closing time ~ 25ms
Fluid temperature -10°C +100°C
Max viscosity 5°E (~37 cStokes or mm²/s)

► MATERIALS IN CONTACT WITH FLUID

Valve body PEI (Polyetherimide)
Sealing FPM
Manifold POM (Reinforced acetal copolymer)

► COIL

Approval
Continuous duty
Encapsulation material
Coil insulation class
Ambient temperature
Electric connections
Protection degree

Voltages DC

AC

ZA10A	ZA32A
UL (class F) – for UL cl.H: ZA34	
ED 100%	
PPS (Polyphenilsulfure) fiberglass reinforced	PET (polyethylene terephthalate) fiberglass reinforced
F (155°C)	
-10°C +50°C	
DIN 46340 – 3 poles connector (EN175301-803)	
IP 67 (EN 60529) with plug connector	IP 65 (EN 60529) with plug connector
12-24V (+10% -5%)	-
24V/50Hz - 110V/50Hz (120V/60Hz) - 230V/50Hz (+10% -15%)	24V/50-60Hz (+10% -15%)

(Other voltages and frequencies on request)

Port size	Orifice size (mm)	Differential pressure (bar)						Kv ▲ (m³/h)	N° of Solenoid valves	Series and type		Power absorption ■			Sealings	Notes	Weight (kg)
		Δp min	Δp max														
			Gases			Liquids											
			AC	DC	AC	DC	AC			DC							
P: G 3/4 A: Barbed ports	5,5	0	3	1		1	0,55	2	D644V03	ZA10A	23	14	9	FPM	1	0,550	
		-			-										ZA32A		-
		1			1				3	D644V02			ZA10A		9		1
		-			-										ZA32A		-

▲ - Value referred to each single solenoid valve.

■ - Power absorption of a single coil.

► NOTES

- Sealings : FPM = Fluoro-carbon elastomer
- UL approved coil (E153691)
1 - IMQ CSV approval, see ZA10 datasheet for further details
2 - Δp max is 2 bar, while using coil ZA32A at 60Hz.

SIRAI™ - BUSSERO (MI) - Italy - www.sirai.com

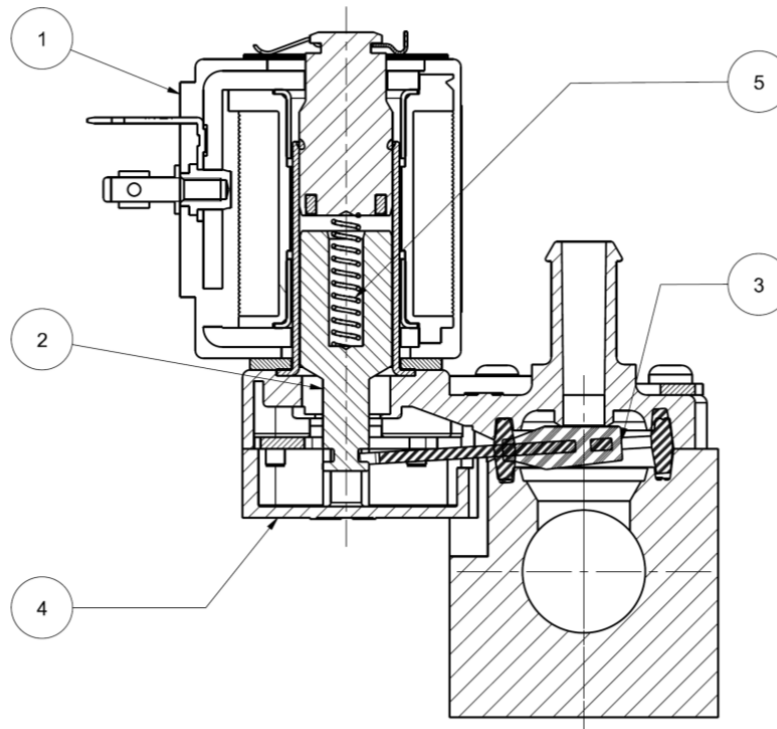


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► SPARE PARTS



Kit description

Kit P.N.

Consisting of:

Core kit	G3136701	Core pos.2 Core return spring pos.5
Lever seal	2977702R	Lever seal pos.3
Cover	3119801R	Cover pos.4
Coil	ZA10A ZA32A	Coil pos. 1

► INSTALLATION

- Manifold can be mounted in any position.

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