

# Solenoid valves series A2

## Coding and code

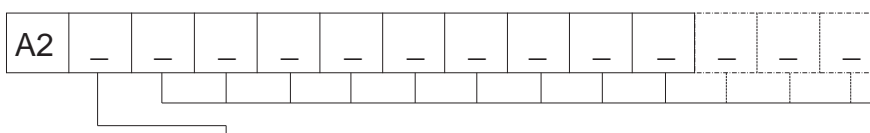
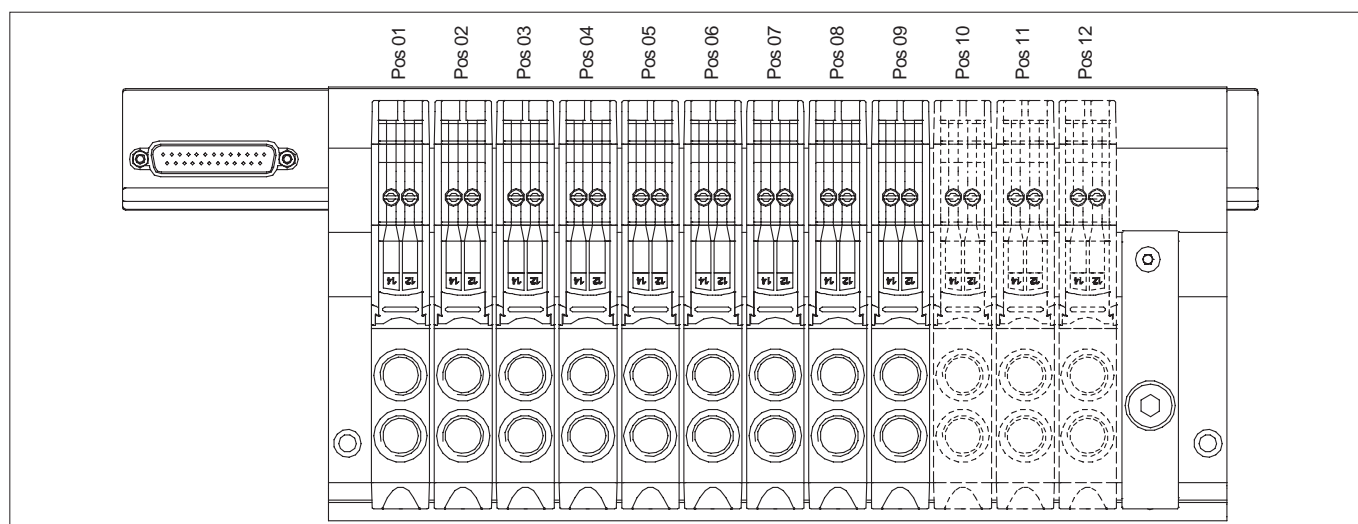
The encoding of the islands is by using a code which identifies the sequence of components mounted on the base: after having determined which types and how many valves are needed, considering also eventual position to let unused, is possible to determine the number of positions of the base, internal or external feeding to the pilots and the tension.

The valves and diaphragms, identified with letters will complete the island encoding: the order of the letters will reflect the effective position of each component on the base.



The sequence of the positions start from the side of the SUB-D connector and end on the side of the external piloting module.

The position of the external piloting module is set, on the opposite side of the SUB-D, so is not necessary to indicate in the code that position.



Configuration of the base				
N° of base positions	Internal feeding of the pilots Tension 24 VDC	External feeding of the pilots Tension 24 VDC	Internal feeding of the pilots Tension 12 VDC	External feeding of the pilots Tension 12 VDC
04	01	11	21	31
05	02	12	22	32
06	03	13	23	33
07	04	14	24	34
08	05	15	25	35
09	06	16	26	36
10	07	17	27	37
11	08	18	28	38
12	09	19	29	39

Encoding of components on the base		
Cod	Version	Item
B	3/2 NC	A230
D	3/2 NO	A231
E	3/2 solenoid/solenoid	A232
Q	2-3/2 NC-NO	A233
R	2-3/2 NC-NC	A234
S	2-3/2 NO-NO	A235
G	5/2 solenoid/spring	A250
H	5/2 solenoid/solenoid	A251
I	5/3 CC	A270
L	5/3 OC	A271
M	5/3 PC	A272
N	Blanking module	A2PC
O	Feddings diaphragm	A2T
P	Exhausts diaphragm	A2S

**How to order:**

Base 10 positions, internal feeding of the pilots, tension 24VDC, composed by:  
 2 - 5/2 solenoid/spring, 1 - 3/2 NO, 1 - Feddings diaphragm, 1 - Couple of exhausts diaphragm, 2 - 5/2 solenoid/solenoid, 2 - 5/2 solenoid/spring, 1 - 5/3 PC, 2 - Blanking module.

**A2 07 GGDOPHHGGMNN**

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## Electric scheme of multiple connector 25 poles

The transferring of the signals from the PLC to the valves is through a multi-pole connector capable of manage 24 signals. Such signals are distributed to the valves following the scheme hereunder. Peculiarities of these valves are:

- Simplicity of the electrical connection with each valve configuration;
- Type of valve will not limit the maximum number of valves applicable;
- Every type of valve can replace another maintaining the same electrical connection.

