

Series K directly operated solenoid valves

3/2-way NC and NO.

They can be mounted on a single base (with M5 ports) as well as on manifolds (with M5 ports).



Series K directly operated solenoid valves are available as 3/2-way either NC or NO versions. Both versions can be mounted on single sub-bases or manifolds and they are equipped with a manual override which makes the plants setting easier.

GENERAL DATA

TECHNICAL FEATURES

Function	3/2 NC - 3/2 NO
Operation	direct acting poppet type
Pneumatic connections	on subbase by means of screws
Nominal diameter	0.65 mm
Nominal flow	10 Nl/min (air @ 6 bar ΔP 1 bar)
Kv (l/min)	0.15
Operating pressure	0 ÷ 5 (NO) ... 7 bar (NC)
Operating temperature	0 ÷ +50°C
Media	filtered compressed air, unlubricated, according to ISO 8573-1 class 3.4.3, inert gas
Response time	ON <10 msec – OFF <10 msec
Manual override	monostable button
Installation	in any position

MATERIALS IN CONTACT WITH THE MEDIUM

Body	PBT technopolymer
Seals	NBR (FKM on demand)
Internal parts	stainless steel

ELECTRICAL FEATURES

Voltage	24 V DC - 12 V DC - 6 V DC - other voltages on demand
Voltage tolerance	±10%
Power consumption	0.9 W, 0.95 W with LED
Duty cycle	ED 100%
Electrical connection	connector - thin cables L = 300 mm
Protection class	IP50

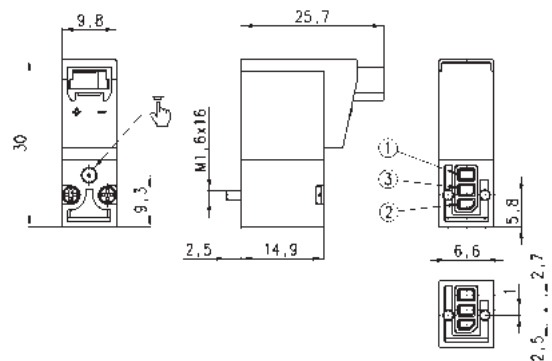
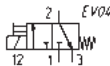
Special versions available on demand

CODING EXAMPLE

K	0	00	-	3	0	3	-	K	2	3	
K	SERIES										
0	BODY DESIGN: 0 = single sub-base (only M5) or interface 1 = manifold										
00	NUMBER OF POSITIONS: 00 = interface 01 = single base (only M5) 02 + 99 = manifold number of positions										
3	NUMBER OF WAYS - FUNCTIONS: 0 = manifold or single base 3 = 3-way NC 4 = 3-way NO 5 = 3-way NC electric part revolved by 180° 6 = 3-way NO electric part revolved by 180°										
0	PORTS: 0 = interface 2 = M5 side outlets										
3	NOMINAL DIAMETER: 3 = $\varnothing$ 0,65										
K	MATERIALS: K = PBT body, HNBR poppet F = PBT body, FKM poppet										
2	ELECTRICAL CONNECTION: 1 = 90° connection with protection and led 2 = 90° connection with protection 3 = 90° connection B = in-line connection with protection and led C = in-line connection with protection D = in-line connection F = cable (300mm) with protection and led G = cable (300mm) with protection H = cable only (300mm)										
3	SOLENOID VOLTAGE: 1 = 6V DC 2 = 12V DC 3 = 24V DC										
	FIXING: = standard version for mounting on plastic interface M = with screws for mounting on metal interfaces (on demand).										

3/2-way NC solenoid valve - 90° electrical connection

Supplied with:
 1x interface seal
 2x screws



Mod.

K000-303-K13

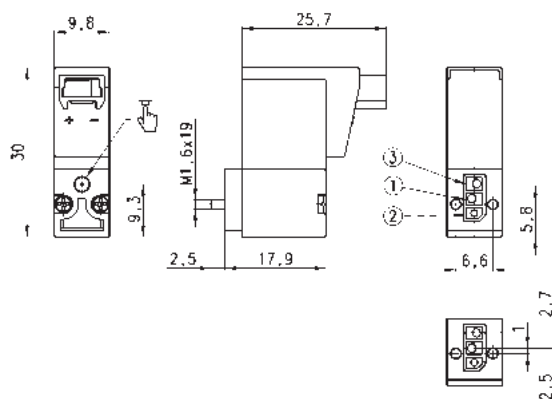
K000-303-K23

K000-303-K33



3/2-way NO solenoid valve - 90° electrical connection

Supplied with:
1x interface for NO version
(connections 1 and 3 are inverted)
2x interface seals for NO version
2x screws



The interface for NO version is required if the valve is mounted on a manifold. In case of a single or

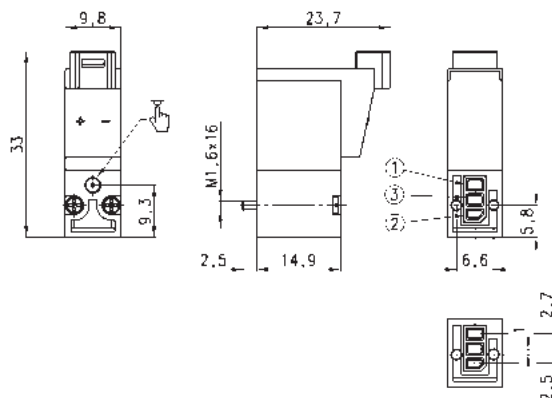
customised base, on the contrary, it is necessary to use screws M1,6x16 (mod. K303/61).

Mod.
K000-403-K13
K000-403-K23
K000-403-K33



3/2-way NC solenoid valve - in-line electrical connection

Supplied with:
1x interface for NO version
2x screws

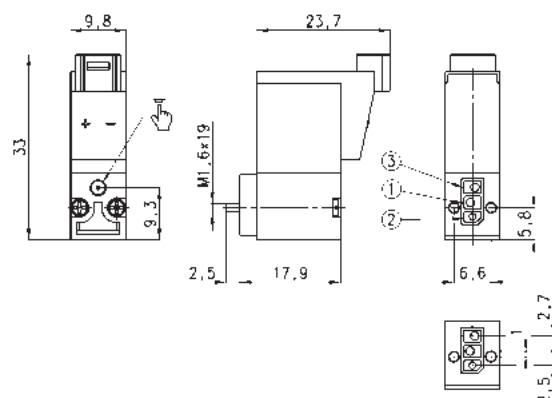


Mod.
K000-303-KB3
K000-303-KC3
K000-303-KD3



3/2-way NO solenoid valve - in-line electrical connection

Supplied with:
1x interface for NO version
(connections 1 and 3 are inverted)
2x interface seals for NO version
2x screws



The interface for NO version is required if the valve is mounted on a manifold. In case of a single or

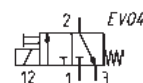
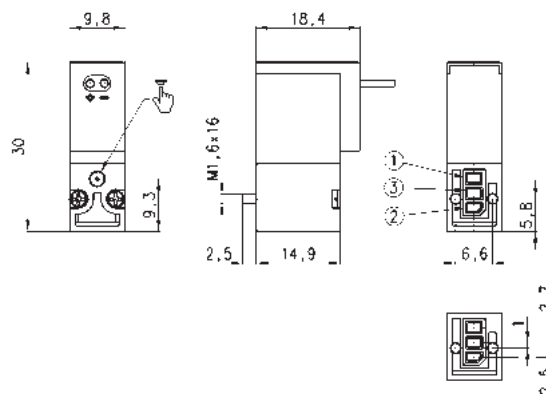
customised base, on the contrary, it is necessary to use screws M1,6x16 (mod. K303/61).

Mod.
K000-403-KB3
K000-403-KC3
K000-403-KD3



3/2-way NC solenoid valve with cable 300 mm

Supplied with:
1x interface seal
2x screws



Mod.

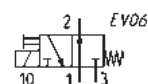
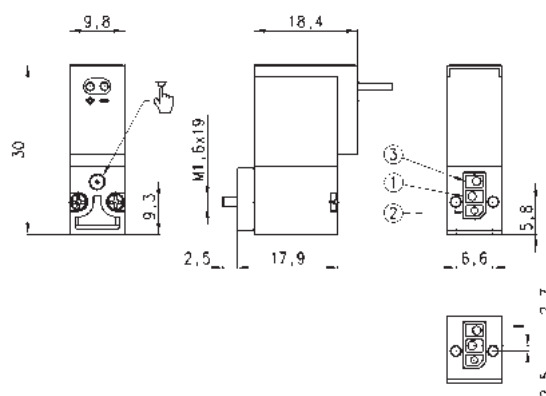
K000-303-KF3

K000-303-KG3

K000-303-KH3

3/2-way NO solenoid valve (with cable 300 mm)

Supplied with:
1x interface for NO version
(connections 1 and 3 are inverted)
2x interface seals for NO version
2x screws



Mod.

K000-403-KF3

K000-403-KG3

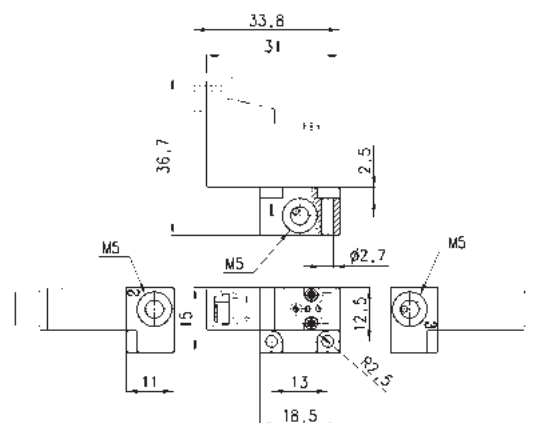
K000-403-KH3

The interface for NO version is required if the valve is mounted on a manifold. In case of a single or

customised base, on the contrary,
it is necessary to use screws
M10x16 (mod. K200/G1)

Single sub-base

Note: use solenoid valves with mounting screws on metal interfaces (see codification).



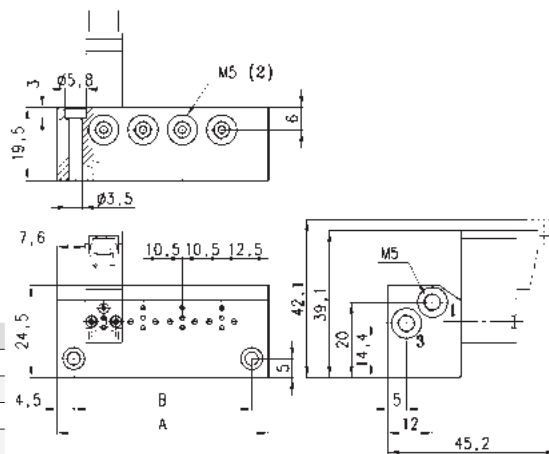
Mod.

K001-02

Manifold Mod. K1**-02

** Number of positions
With side outlets and conveyed inlet and exhaust.

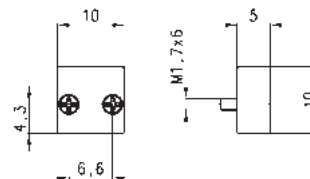
Note: use solenoid valves with mounting screws on metal interfaces (see codification).



Mod.	A	B	Number of ports
K102-02	35.5	26.5	2
K103-02	46	37	3
K104-02	56.5	47.5	4
K105-02	67	58	5
K106-02	77.5	68.5	6
K107-02	88	79	7
K108-02	98.5	89.5	8
K109-02	109	100	9
K110-02	119.5	110.5	10

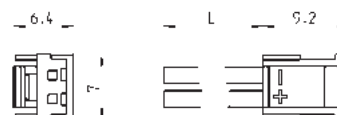
Excluder tap

Supplied with:
1x excluder tap
1x interface seal
2x screws



Mod.
K000-TP

Connector Mod. 121-8..



Mod.	description	colour	L = cable length (mm)	cable holding
121-803	crimped cable	black	300	crimping
121-806	crimped cable	black	600	crimping
121-810	crimped cable	black	1000	crimping
121-830	crimped cable	black	3000	crimping