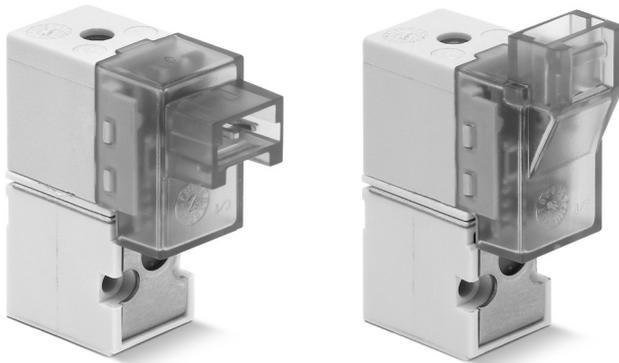


Series KN directly operated solenoid valves

3/2-way Normally Closed (NC)



- » Low energy consumption
- » Compact design
- » ISO 15218 Interface

Thanks to its low energy consumption and to its compact design, the miniaturized KN solenoid valve can be used in industrial and scientific applications.

Series KN directly operated solenoid valves are available as 3/2-way NC version.

GENERAL DATA

TECHNICAL FEATURES

Function	3/2 NC
Operation	direct acting poppet type
Pneumatic connections	on subbase, ISO 15218 interface by means of screws
Nominal diameter	0.65 mm
Nominal flow	10 NI/min (air @ 6 bar ΔP 1 bar)
Kv (l/min)	0.15
Operating pressure	0 ÷ 7 bar
Operating temperature	0 ÷ +50°C
Media	filtered air, class 5.4.4 according to ISO 8573-1 (max oil viscosity 32 cSt), 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	HNBR, NBR (FKM on demand)
Internal parts	stainless steel

ELECTRICAL FEATURES

Voltage	24 V DC - 12 V DC - other voltages on demand
Voltage tolerance	±10%
Power consumption	1.3 W (inrush), 0.25 W (holding)
Duty cycle	ED 100%
Electrical connection	connector
Protection class	IP50

Special versions available on demand

CODING EXAMPLE

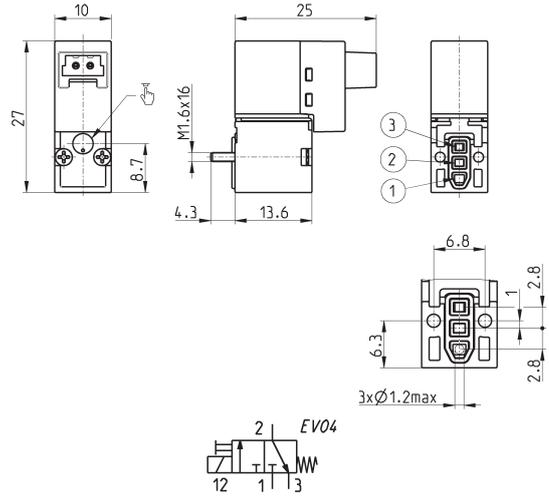
KN	0	00	-	3	0	3	-	K	1	3	
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KN	SERIES
0	BODY DESIGN: 0 = single valve
00	NUMBER OF POSITIONS: 00 = interface
3	NUMBER OF WAYS - FUNCTIONS: 3 = 3/2-way NC
0	PORTS: 0 = single valve
3	NOMINAL DIAMETER: 3 = \varnothing 0.65
K	MATERIALS: K = PBT body, HNBR poppet seal, NBR other seals F = PBT body, FKM poppet seal, NBR other seals (FKM upon request)
1	ELECTRICAL CONNECTION: 1 = 90° connection with protection and led B = in-line connection with protection and led
3	SOLENOID VOLTAGE: 2 = 12V DC 3 = 24V DC - 1.3W (inrush), 0.25W (holding) other voltages are available upon request
	FIXING: = with screws for plastics (standard) M = with screws for metal

3/2 way NC solenoid valve - right-angle electrical connection



Supplied with:
 1x interface seal
 2x screws M1.6x16 UNI 10227
 (for standard version) or
 2x screws M1.6x16 UNI 7687 (for M version)

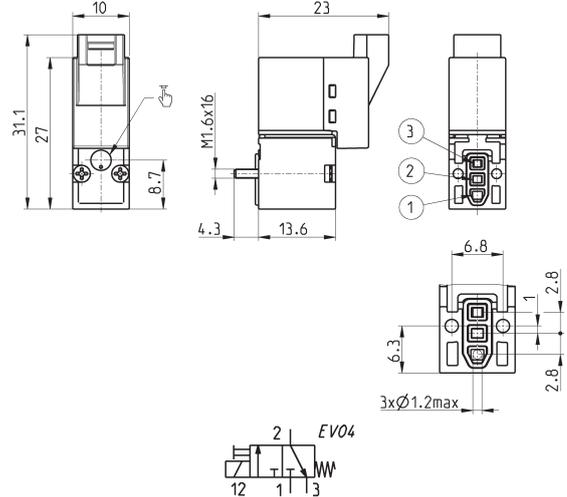


Mod.
KN000-303-K13

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

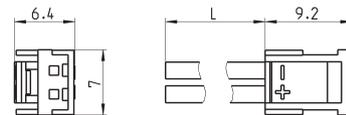


Supplied with:
 1x interface seal
 2x screws M1.6x16 UNI 10227
 (for standard version) or
 2x screws M1.6x16 UNI 7687 (for M version)



Mod.
KN000-303-KB13

Connector Mod. 121-8..



Mod.	cable length (mm)
121-803	300
121-806	600
121-810	1000