

Namur-valve TYPE NA01 / NA02



Description:

Solenoid valve made of aluminium with Namur connection, very compact design for high flow rates. Ideal for the process industry to control single and double acting pneumatic actuators.

Product features:

- suitable for cleaned and lubricated or cleaned and unlubricated compressed air
- with spring chamber ventilation (3/2-way only)
- 3/2-way (for single acting pneumatic actuators)
- 5/2-way (for double acting pneumatic actuators)
- any mounting position



connection:

NAMUR standard 1/4" or 1/2" inch

function:

monostable, with pneumatic spring

pressure:

1 -10 bar
depending on version

Design:

3/2-way and 5/2-way, monostable*, with pneumatic spring with manual override for rotary operation (bistable)

Body material:

aluminium

Seal:

NBR

Voltage:

230V AC | 24V DC | 12V DC

Power consumption:

230V AC: 5 VA
24V DC: 3 W

Delivery extent:

including solenoid and plug

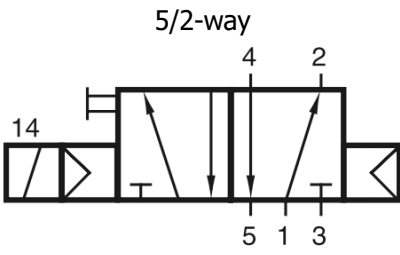
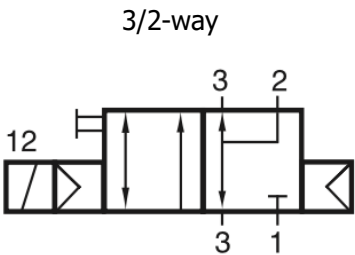
Media/ambient temperature:

AC: -10°C to +60°C (below 0°C: dry air only)
DC: -10°C to +50°C (below 0°C: dry air only)

* monostable = spring-returnd; switches to the default position in case of power failure

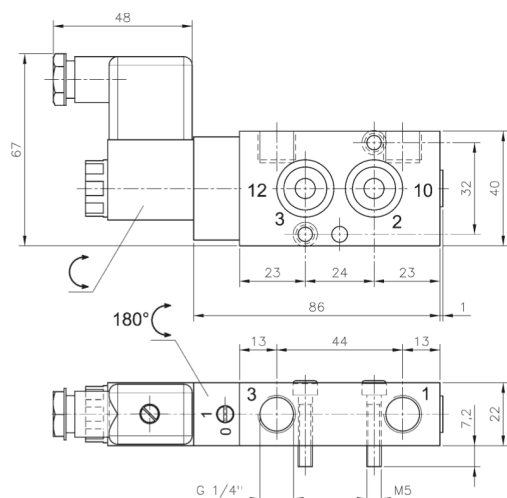
Namur	Connection	Working pressure	KV-value	Weight
NAMUR 1 (1/4")	G 1/4" inch	2 - 10 bar	1250 l/min	0,26 kg
NAMUR 2 (1/2")	G 1/2" inch	1 - 10 bar	3000 l/min	0,55 kg

Schematic diagram:

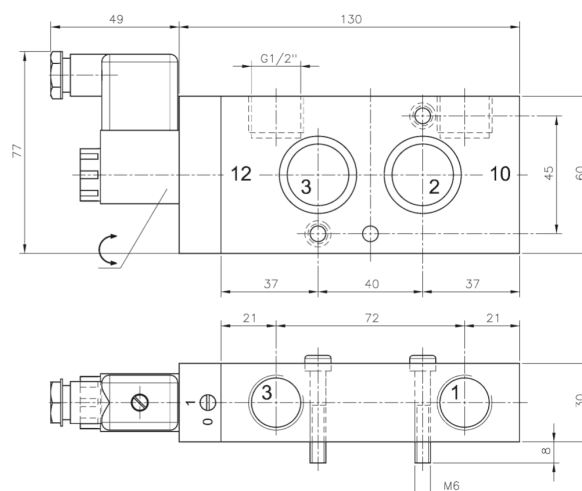


Dimensions 3/2 - way:

Namur 1 (1/4"):

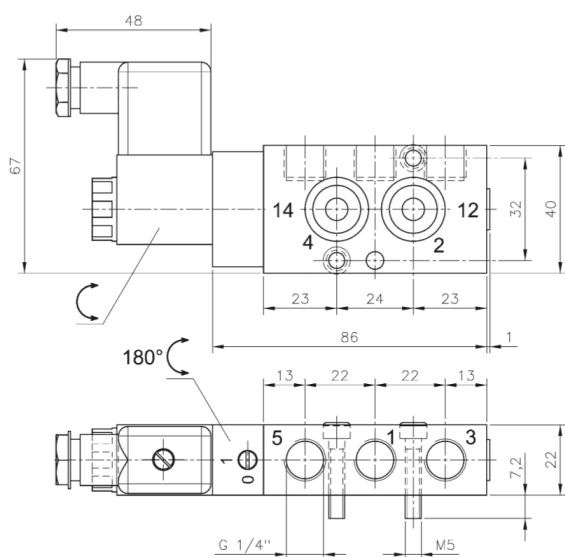


Namur 2 (1/2"):

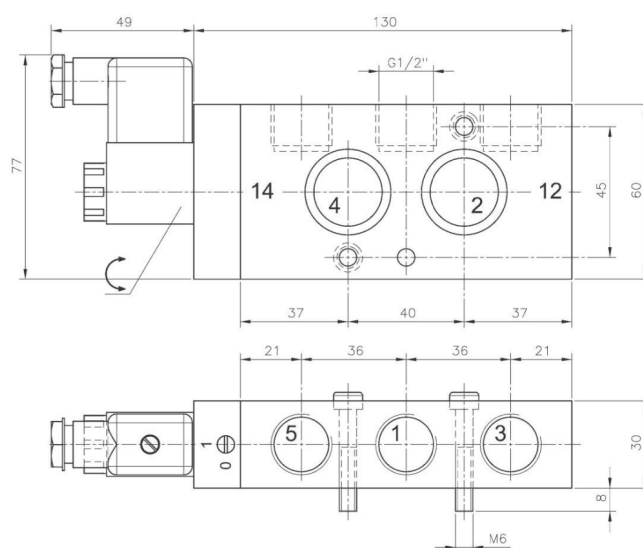


Dimensions 5/2 - way:

Namur 1 (1/4"):



Namur 2 (1/2"):



Manual override:



Included as standard. Bistable rotary manual override, operated with a screwdriver.

Suitable accessories:

- Silencer (Silencers primarily protect the inside of the valve against coarse dirt particles; however, moist or corrosive ambient air can still enter)
-> [Datasheet Silencer type SD01](#)
- Throttle plate (for adjusting the opening and closing speed of single-acting and double-acting actuators)
-> [Datasheet Throttle plate type DP01](#)
- Connection / Thread plate (for equipping a 1/4" NAMUR interface with 2 x G1/4" threaded ports; used, for example, when the NAMUR valve must not or cannot be mounted directly on the actuator due to specific requirements)
-> [Datasheet Connection / Thread plate type GP01](#)

Options (on request):

- ATEX
- 5/2-way valve in bistable version (bistable: the valve maintains its current position even without power)
- 5/3-way valve (for open, close and intermediate position)
- Saltwater-resistant
- Valve made of stainless steel
- Low-temperature version (-50°C to +50°C) and high-temperature version (up to +80°C)

Article number:

Design	Voltage	Seal	Size
NA01 3/2-way	00 – 230 V	00 – NBR	01 – 1/4" inch
NA02 5/2-way	01 – 24 V 02 – 12V DC		03 – 1/2" inch

Example No. NA01000001:

NA01	00	00	01
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3/2-way Namur valve made of aluminium 230V 1/4"

connection: 1/4"

seal: NBR

voltage: 230 V

Image similar, subject change without notice.