

5/3-way NAMUR control valve NM-532-H

for driving double-acting rotary actuators

Technical data sheet



Product description

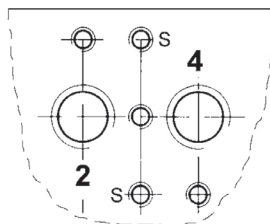
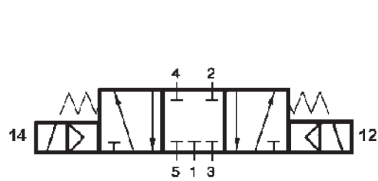


5/3-way NAMUR control valve for driving double-acting rotary actuators. The valve will be supplied assembled to the actuator, but it is also available as single component.

Technical data

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Type	Piston valve with pneumatic spring
Connection	Interface acc. to NAMUR, parts 1, 3 und 5: G 1/4"
Nominal width	7 mm
Operating pressure	1,5 bis 10 bar
Temperature range	-10 °C bis +50 °C
Protection class	IP65 as per VDE 0470/EN60529
- standard	with plug for cables ø 6–8 mm; 0,75–1 mm ²
- explosion proof	Ex m II T4 with moulded cable, cable length 3,0 m, type: H052V2V-3G1
Duty cycle	100 %
Materials	casing: Aluminium inner parts: brass, aluminium and synthetics seals: NBR
Manual override	standard
Standard voltages and power consumption	standard version: 230 V/AC: 5,0 [VA] 24 V/DC: 3,0 [W] explosion proof version (EEx m II T4): 230 V/AC: 5,1 [VA] 24 V/DC: 5,0 [W]
Characteristic features	fastening screws, code pin and seals are part of delivery. Throttling of exhaust air possible at connection 3 and 5! Please ask for ordering codes for throttles types SDR and FDS separately.

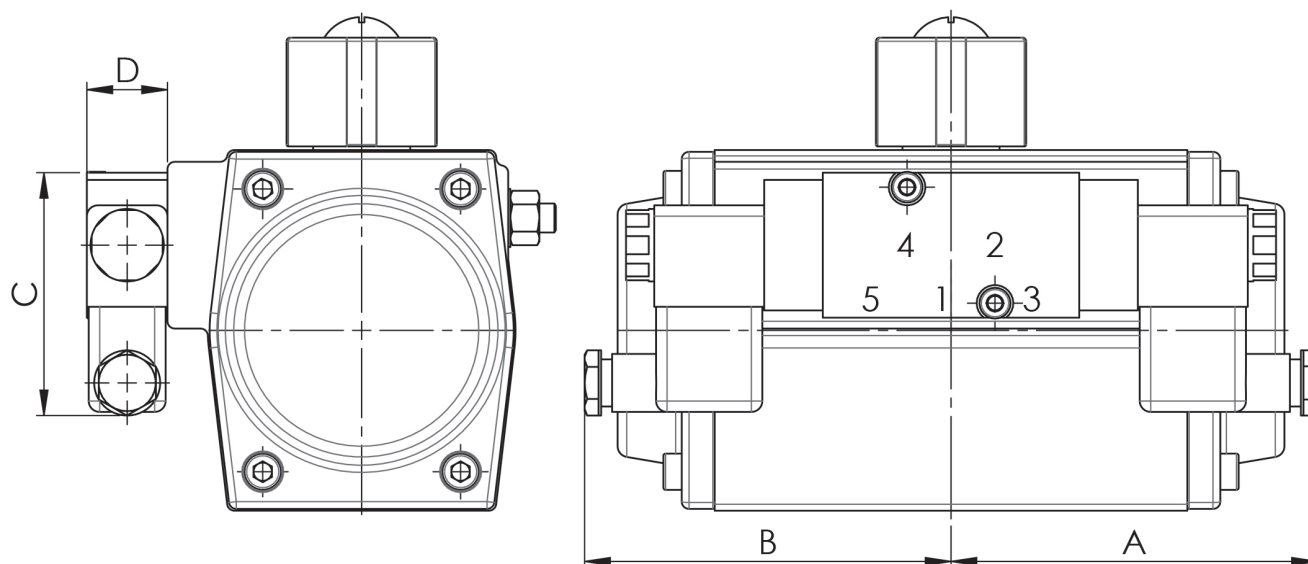
Actuator interface according to NAMUR standard



Threads „S“ used for coding pins, which correspond with the counter-bore in the control valve.

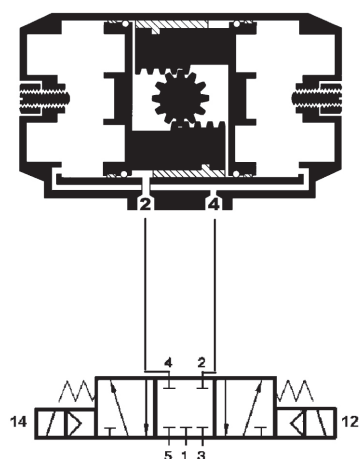
The coding pins avoid permutation of valve connections in case of exchange.

Dimensions



Valve version	Connection thread	DN	A	B	C	D
standard	1/4"	7	99	99	67	22
explosion proof	1/4"	7	99	99	67	22

Standard-mounting of valve



Information about mounting at rotary actuators

Standard way of assembly is according to the displayed schemes (coil S1 charged actuator in initial position).

Versions

Standard version		
Designation	DN	Operating pressure [bar]
NM-532-H-230/AC	7	1,5 to 10
NM-532-H-24/DC	7	1,5 to 10
NM-532-H-XX/XX	7	1,5 to 10

Explosion proof  Ex m II T4		
Designation	DN	Operating pressure [bar]
NM-532-H-230/AC-Ex m	7	1,5 to 10
NM-532-H-24/DC-Ex m	7	1,5 to 10
NM-532-H-XX/XX-Ex m	7	1,5 to 10

xx/xx = Special voltage, please indicate designation with voltage.	Different valve types on request.
Explosion proof Ex ia II C T6 on request.	

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