



Manufacturer of shut-off and control valves

## TECHNICAL DATA SHEET

**Pneumatic valve ELEPHANT 4M310-08**  
(spool type)



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## GENERAL PRODUCT INFORMATION

Product name: Pneumatic valve ELEPHANT-4M310-08 (spool-type)

Purpose: Pneumatic valves are used for control in pneumatic systems with NAMUR docking surface, for installation of valves through holes in the housing. Electromagnetic control, is realized by means of voltage coils 12-AC, 12-DC, 24-AC, 24-DC, 110-AC, 220-AC. Depending on the model, the valves have one-way or two-way control. Solenoid operated pneumatic valves have a wide range of models and include common switching types for three (3/2) and five (5/2 and 5/3) line pneumatic valves. Designed for use with quarter-turn pneumatic actuators.

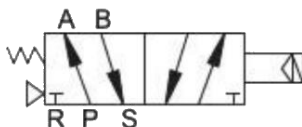


## BASIC TECHNICAL DATA AND CHARACTERISTICS

Design	spool type
Nominal pressure PN, MPa (kg/cm <sup>2</sup> )	1,2 (12)
Working pressure, bar	1,5...8
Operating medium	filtered compressed air
Ambient temperature t, °C	+5 to +50
Response frequency	5 cycles/s
Manual override	Have
Protection class	IP 65
Mounting	through holes in the housing
Housing material	anodized aluminum
Response time	0.05 sec.

## FLOW DIAGRAM

(4M210~4M310)

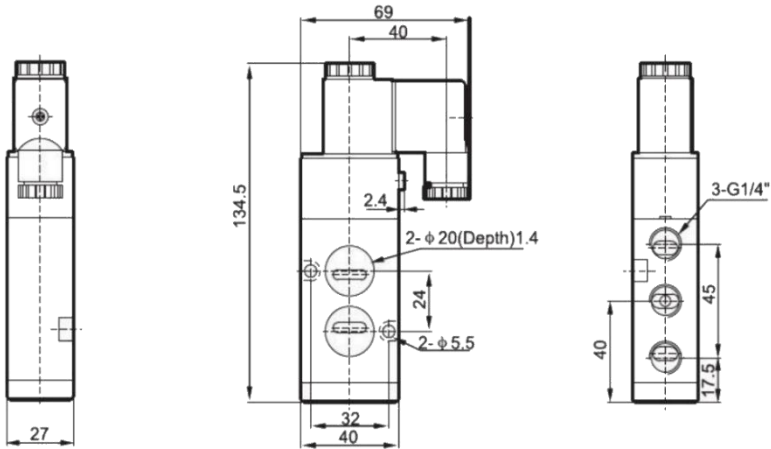


## CONVENTIONAL DESIGNATION

<b>4</b>	<b>Flow channels (4: 5-channel distributor / 3: 3-channel distributor)</b>
<b>M</b>	<b>Pneumatic valve series (M: NAMUR)</b>
<b>2</b>	<b>Size (2: 200 / 3: 300)</b>
<b>10</b>	<b>Control (10: single coil)</b>
<b>08</b>	<b>Connection size (06: 1/8 ; 08: 1/4 ; 10: 3/8)</b>
<b>DC 24B</b>	<b>Voltage (AC 110B / AC 220B / AC 380B / DC 24B / DC 12B / AC 36B / AC 24B / DC 110B / DC 48B / DC 36B)</b>

## MAIN DIMENSIONS OF THE PNEUMATIC VALVE

4M310-08



## WARRANTY PERIOD

Warranty period - 12 months from the date of commissioning, but not more than 18 months from the date of sale.

The warranty does not apply:

- parts and materials of the product subject to wear and tear
- for cases of damage caused by:
  - violations of the product storage, installation, testing, operation and maintenance specifications;
  - improper transportation and handling operations;
  - the presence of traces of exposure to substances aggressive to the product materials;
  - presence of damage caused by fire, elements, force majeure circumstances;
  - damage caused by incorrect actions of the consumer;
  - traces of tampering with the design of the product.

## SALES MARK

No	Product Name	Packs

Date of Sale: \_\_\_\_\_

L.S.

