

# OEM VALVES DATASHEET



## OEM Valves options

- Low Pressure N.O.
- Low Pressure N.C.
- Low Pressure 3-2
- High Pressure N.O.
- High Pressure N.C.
- High Pressure 3-2

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## General specifications

	LOW PRESSURE			HIGH PRESSURE		
Valve construction	<b>Direct operated rocker type</b>			<b>Direct operated rocker type</b>		
Dimensions (mm)	<b>24.5 x 73.5 x 19 mm</b>			<b>40 x 60.6 x 22 mm</b>		
Weight (g)	<b>42 g</b>			<b>56 g</b>		
Disponible type	<b>2/2 NO</b>	<b>2/2 NC</b>	<b>3/2</b>	<b>2/2 NO</b>	<b>2/2 NC</b>	<b>3/2</b>
Number of ports	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>3</b>
Response time (ms)	<b>10 ms max</b>			<b>15 ms max</b>		
Wetted materials	<b>PEEK, FKM</b>			<b>PEEK, FKM</b>		
Sub-plate material	<b>PVDF</b>			<b>PVDF</b>		
Maximum supported pressure (bar)	<b>2.5 bar</b>			<b>6 bar</b>		
Fluidic connectors	<b>Standard 1/4-28 UNF, flat-bottom</b>			<b>Standard 1/4-28 UNF, flat-bottom</b>		
Dead volume (1)	<b>None</b>			<b>None</b>		
Internal diameter (mm)	<b>1.4 mm</b>			<b>1 mm</b>		
Volume of valve chamber (2)	<b>20 µL</b>			<b>50 µL</b>		
Mounting orientation (3)	<b>Vertical recommended</b>			<b>Vertical recommended</b>		
Enclosure	<b>IP 40 or equivalent</b>			<b>IP 40 or equivalent</b>		

(1) Volume that is stuck in the system (dead end), which is not clearly swept and relies on diffusion to clear out.

(2) Indicates the volume of clearance inside the valve chamber after the volume of the diaphragm is subtracted

(3) Since the body (orifice shape) is designed to eliminate residual liquid, mounting in a vertical direction with the coil at the top is recommended. When residual liquid is not considered, any mounting orientation is available.

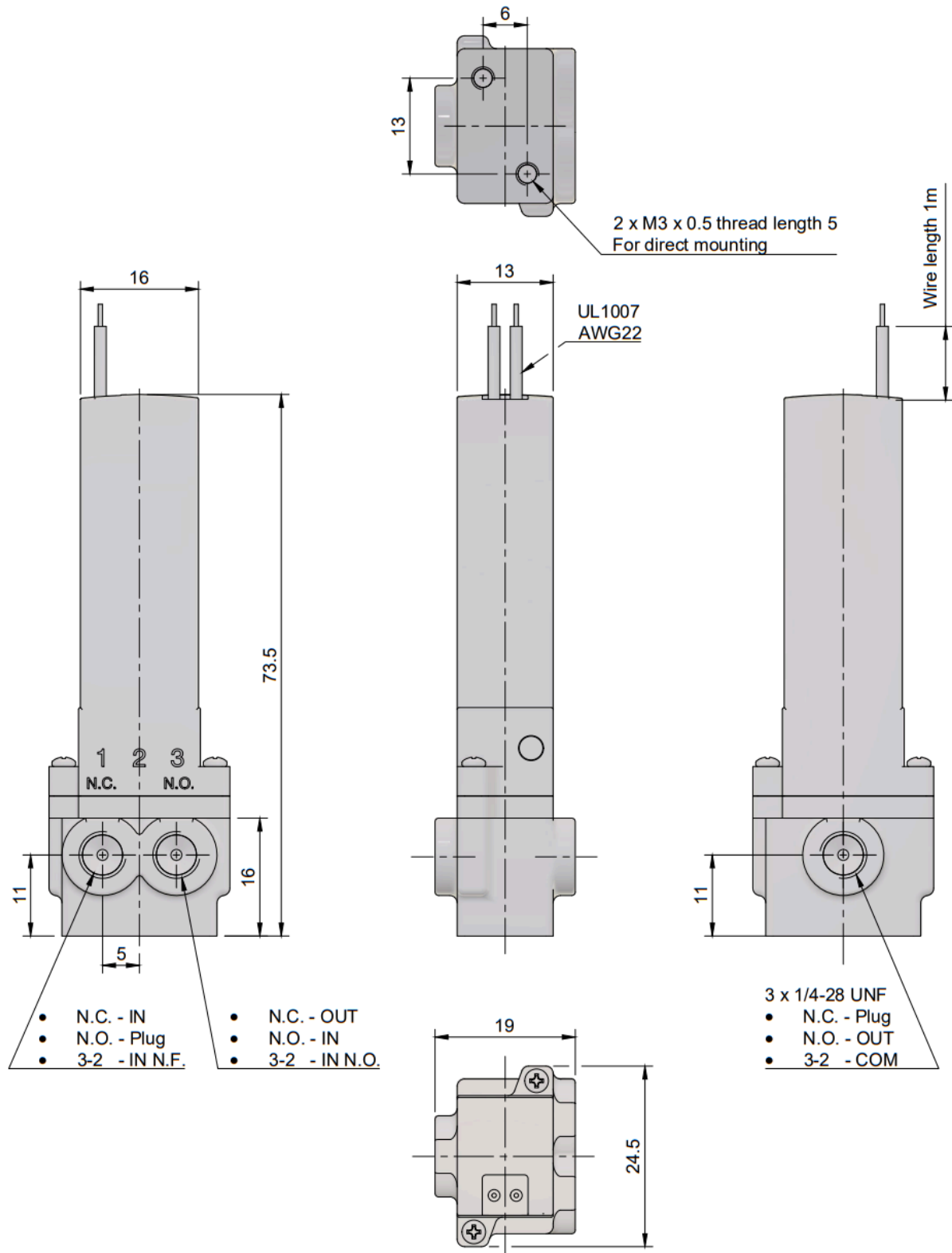
## Electrical specifications

	<b>LOW PRESSURE</b>	<b>HIGH PRESSURE</b>
Valves connection type	<b>24V DC (2 wires)</b>	<b>24V DC (2 wires)</b>
Input voltage (V)	<b>24V</b>	<b>24V</b>
Maximum power consumption (W)	<b>2.5 W</b>	<b>5.5 W</b>
Typical power (W)	<b>1.5 W</b>	<b>1 W</b>

# Dimensional drawing

## Low Pressure

Dimensions in mm



# High Pressure

Dimensions in mm

