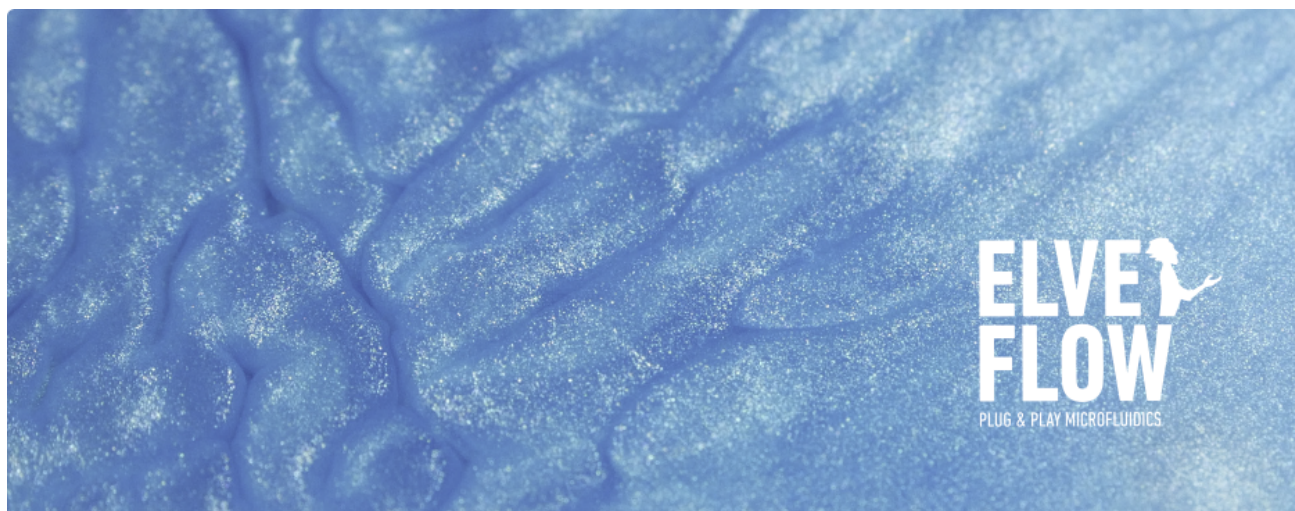




ADVANCED VALVES DATASHEET



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

(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.

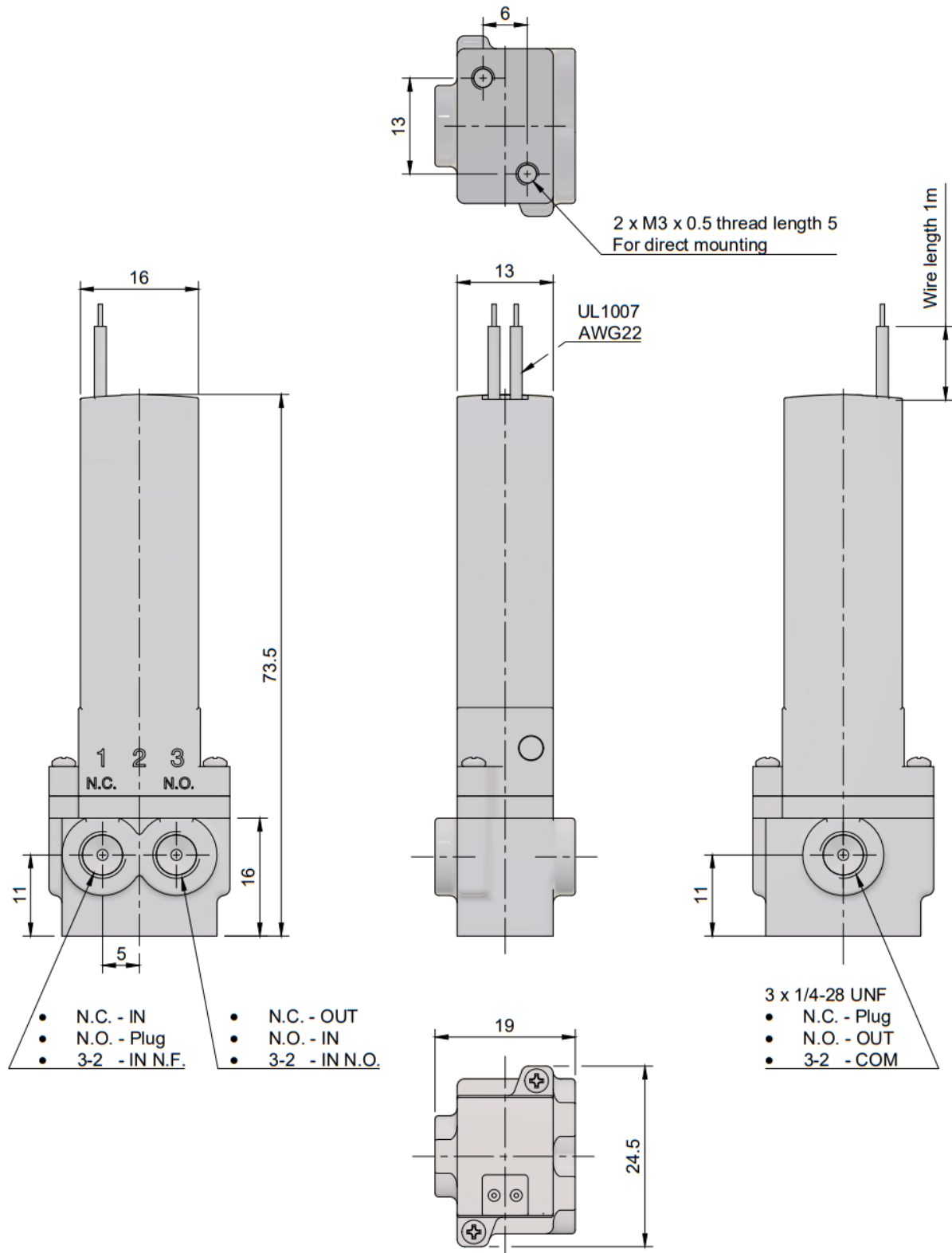
Electrical specifications

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

Dimensional drawing

Low Pressure

Dimensions in mm



High Pressure

Dimensions in mm

