

Series MS-18

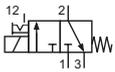
Technical details

Connection	G1/8
Nominal size	1.4 mm
Temperature range	-10°C ... +70°C
Medium	Filtered, oil-free and dried compressed air according to ISO 8573-1:2010, Class 7:2:4, instrument air, free of aggressive additives. Alternatively the pressure dew point must be at least 10°C below lowest occurring ambient temperature.
Materials	Body: Al (anodized), plastic, seals: NBR, inner parts: Al, steel and plastic
Protection	IP 65 according to EN 60529
	Valves in accordance with 2014/34/EU (ATEX) available. (Chapter 13)

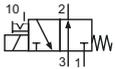


Electrically operated poppet valve. The manual override is detent and is operated by screwdriver.

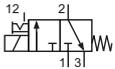
3/2-way valves



MS-18-310-HN-xxx
3/2-way, single solenoid, mechanical spring return, NC



MSO-18-310-HN-xxx
3/2-way, single solenoid, mechanical spring return, NO



MS-18-310/n-HN-xxx
3/2-way, single solenoid, mechanical spring return, NC

Please complete: xxx = electrical option
n = number of stations (2 to 6)

Electrical options

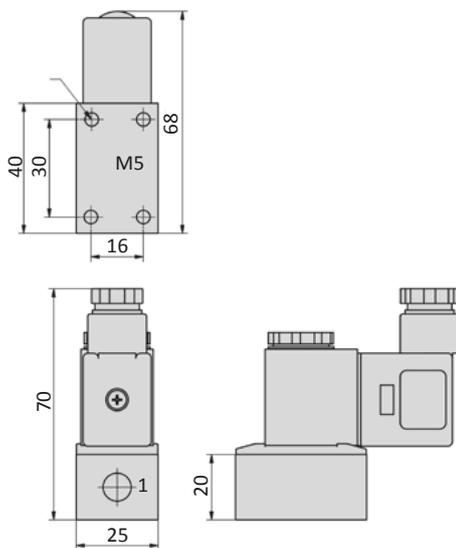
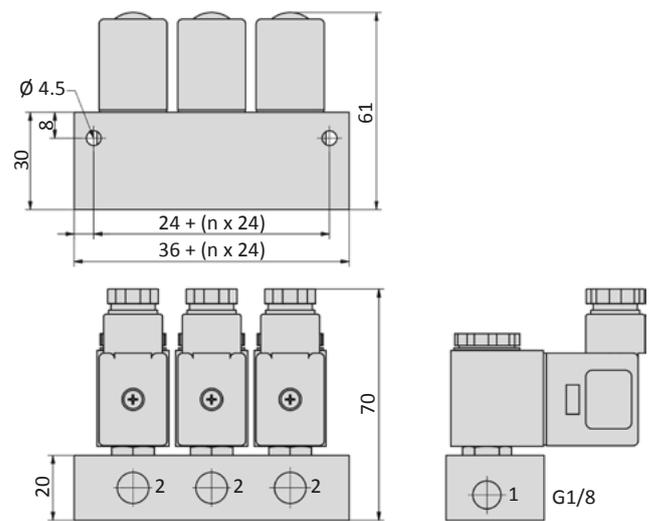
Nominal voltage	Power consumption	Specifics	Plug connection ^{*1}	-xxx
12 V DC	4.2 W		Form B industrial norm	-411
12 V DC	2.2 W	max. 8 bar	Form B industrial norm	-431
24 V DC	4.2 W		Form B industrial norm	-412
24 V DC	4.8 W		M 12	-012
24 V DC	2.2 W	max. 8 bar	Form B industrial norm	-432
24 V DC	2.5 W	max. 8 bar	M 12	-032
24 V AC	7/4 VA		Form B industrial norm	-422
115 V AC	7/4 VA		Form B industrial norm	-426
230 V AC	7/4 VA		Form B industrial norm	-427

*1 Plug socket not included. suitable plug sockets see page 4-38.

Technical data

Model-no.:	MS-18-310	MSO-18-310	MS-18-310/n
Pressure range* (bar)	- 0.95 ... 10	- 0.95 ... 10	- 0.95 ... 10
Flow rate (NI/min)	56	56	56
Response time (ms) at 6 bar	on: 10 off: 12	on: 10 off: 12	on: 10 off: 12
Weight (kg)	0.150	0.150	0.150 + 0.140 * n

* max. 8 bar at 2.2 W and 2.5 W

Dimensions
MS-18-310-HN

MS-18-310/n-HN


n = number of stations (2 to 6)

- 1 = pressure inlet (outlet by MSO)
- 2 = outlet
- 3 = exhaust (pressure inlet by MSO)

Plug socket (not included in scope of delivery) can be repositioned by 180°.
Solenoid coil can be repositioned by 4 x 90°.

Accessories


Plug sockets: page 4-38