

Series MS-20

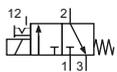
Technical details

Connection	M5
Nominal size	1.2 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), seals: NBR, inner parts: Al, steel and plastic
Protection	IP 65 according to EN 60529

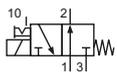


Electrically operated poppet valve. The manual override is detent and is operated by screwdriver.

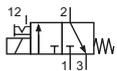
3/2-way-valves



MS-20-310-HN-xxx
3/2-way, single solenoid, mechanical spring return, NC



MSO-20-310-HN-xxx
3/2-way, single solenoid, mechanical spring return, NO



MS-20-310/n-HN-xxx
3/2-way, single solenoid, mechanical spring return, NC

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

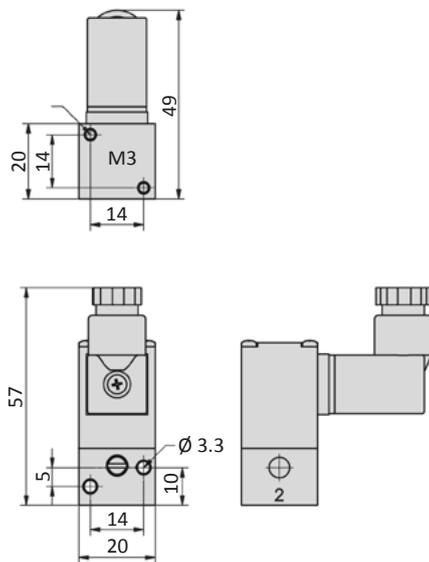
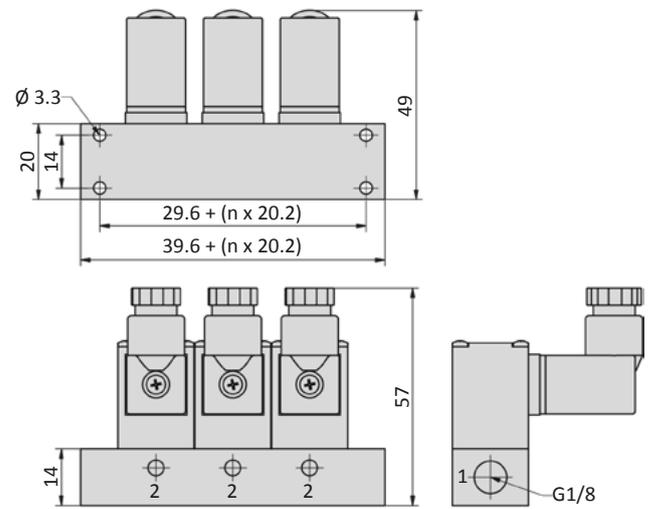
Electrical options

Nominal voltage	Power consumption	Specifics	Plug connection ^{*1}	-xxx
12 V DC	2 W		Form C industrial norm	-411
24 V DC	2 W		Form C industrial norm	-412

*1 Plug socket not included, suitable plug sockets see page 4-39.

Technical data

Model-no.:	MS-20-310	MSO-20-310	MS-20-310/n
Pressure range (bar)	-0.95 ... 8	-0.95 ... 8	-0.95 ... 8
Pilot pressure (bar)	-	-	-
Flow rate (NI/min)	38	38	38
Response time (ms) at 6 bar	on: 8 off: 8	on: 8 off: 8	on: 8 off: 8
Weight (kg)	0.064	0.064	0.01 + 0.066 x n

Dimensions
MS-20-310-HN, MSO-20-310-HN

MS-20-310/n-HN


n = number of stations (2 to 6)

- 1 = pressure inlet
- 2 = outlet
- 3 = exhaust

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 4-39