

Series M-20

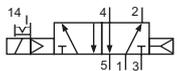
Technical details

Connection	M5
Nominal size	3 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

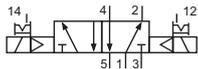


Electrically operated pool valve. The manual override is detent and is operated by screwdriver.

5/2-way valves

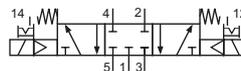


M-20-510-HN-xxx
5/2-way, single solenoid, air spring return

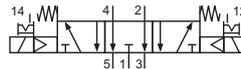


M-20-520-HN-xxx
5/2-way, double solenoid

5/3-way valves



M-20-530-HN-xxx
5/3-way, center position closed



M-20-533-HN-xxx
5/3-way, center position exhausted

Please complete: xxx = electrical option

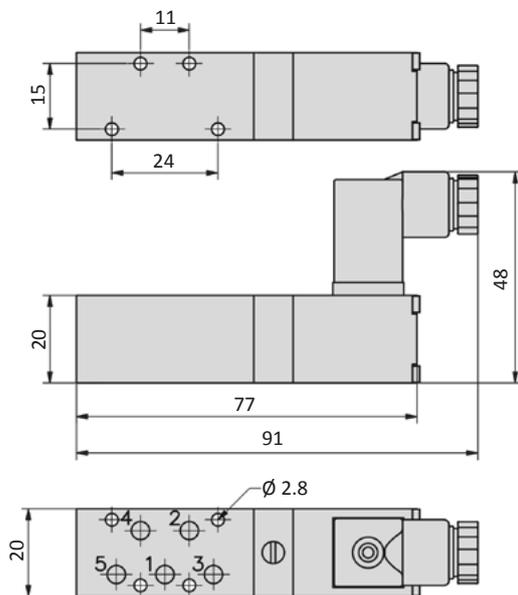
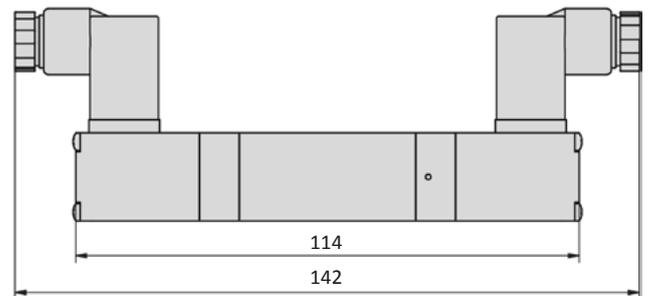
Electrical options

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.:	M-20-510	M-20-520	M-20-530	M-20-533
Operating pressure (bar)	2.5 ... 8	2.5 ... 8	3 ... 8	3 ... 8
Pilot pressure (bar)	2.5 ... 8	2.5 ... 8	3 ... 8	3 ... 8
Flow rate (NI/min)	220	220	220	220
Response time (ms) at 6 bar	on: 12 off: 12	on: 11 off: 11	on: 15 off: 22	on: 15 off: 22
Weight (kg)	0.098	0.156	0.162	0.162

Dimensions
M-20-510-HN

M-20-520-HN, M-20-53x-HN


- 1 = pressure inlet
- 2,4 = outlets
- 3,5 = exhausts

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

Accessories


Plug sockets: page 4-39