

Operating pressure:	0.5 to 10 bar
Operating temperature:	-10 °C to +60 °C
Flow rate at 6 bar and Δ 0.5 bar:	35 NI/min.
Nominal diameter:	2.5 mm
Operating pressure at 6 bar:	8 N
Valve body:	Aluminium
Pushbutton:	Nickel-plated brass
Seal:	NBR
Spring:	Stainless steel
Port:	Plug-in connector \varnothing 4 mm or M 5 female thread



512.111



512.213



512.304



512.513

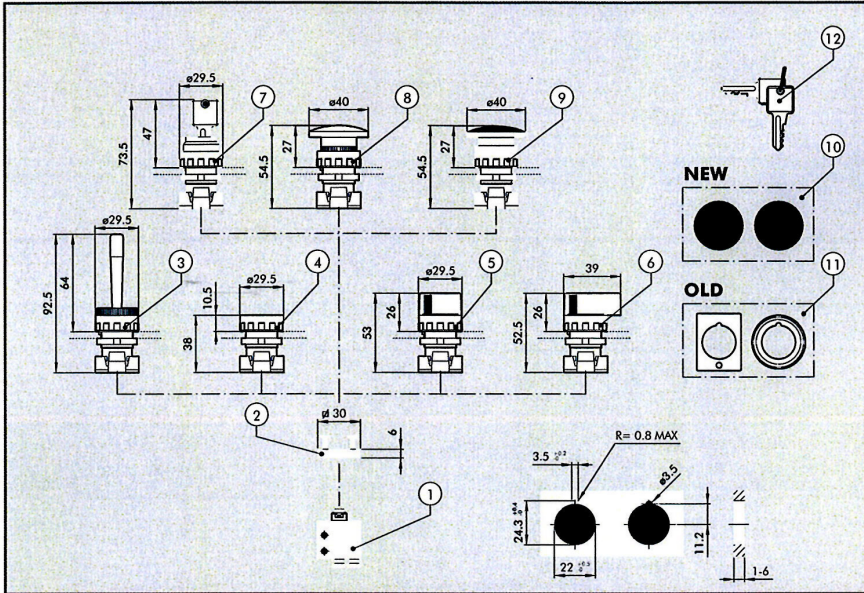


512.604



512.403

MANUAL VME VALVES – ASSEMBLY DIAGRAM

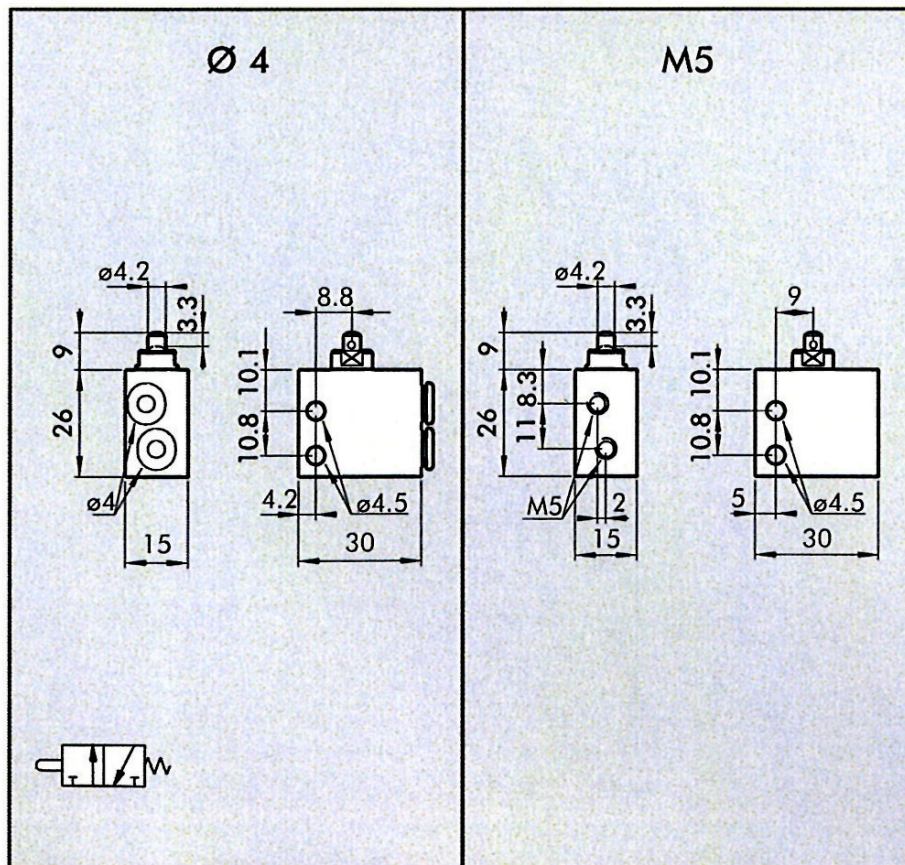


NOTES:
For 5/2 pneumatic operation, assemble a 3/2 NC plunger valve and a 3/2 NO one on the adapter.
For 5/3 pneumatic operation with open centres, assemble two 3/2 NC plunger valves on the adapter.
For 5/3 pneumatic operation with pressure centres, assemble two 3/2 NO plunger valves on the adapter.

ORDERING CODES

Symbol	Reference	Description	Code	Weight [g]
	①	3/2 NC Axial fittings ø4	-	42
		3/2 NC Axial fittings M5	-	36
		3/2 NC Side fittings ø4	look at list 1	34
		3/2 NC Side fittings M5	look at list 2	34
	①	3/2 NO Axial fittings ø4	-	42
		3/2 NO Axial fittings M5	-	36
		3/2 NO Side fittings ø4	-	34
		3/2 NO Side fittings M5	-	34
	②	2 places adaptor thickness 6.8 mm	-	5
	③	Red handler with horizontally pivoted lever	512.403 + 512.404	25
	④	Fat push button + 2 red/black coloured disks ◆ Bistable fat push button without disk	512.111 + 512.113 512.112 + 512.114	15
	⑤	Black selector short lever at 2 positions with return	512.203 + 512.204	20
		Black selector short lever at 2 positions	512.213 + 512.214	20
	⑤	Black selector short lever at 3 positions with return	-	20
		Black selector short lever at 3 positions	-	20
	⑥	Black selector long lever at 2 positions with return	512.303 + 512.304	26
		Black selector long lever at 2 positions	512.313 + 512.314	26
	⑥	Black selector long lever at 3 positions with return	-	26
		Black selector long lever at 3 positions	-	26
	⑦	2 positions key selector with extractable key in 2 positions	512.513 + 512.514	50
		2 positions key selector with extractable key in 0	-	50
	⑧	Red mushroom-head push button ø40	512.603 + 512.604	27
		Black mushroom-head push button ø40	-	27
	⑨	Red mushroom-head push button with lock ø40	512.703 + 512.704	29
◆ It can't be supplied. As working replaced by selector with bistable short lever at 2 positions ⑤ + Usable only with technopolymer body selectors ▲ Usable only with metal body selectors	⑩	✚ Reducer from 30 to 22.5 mm		
	⑪	▲ Adapter for bore ø30 G2326		
	⑫	✚ key for ESC selectors		
		Green disk for push button ④		

PLUNGER 3/2 NC – SIDE FITTINGS



Code	Description	Weight [g]
look at list 1	VME2-01 NC Ø4	34
look at list 2	VME2-11 NC M5	34

Designation	Type No.	Art. No.
List 1	512.111, 512.112, 512.203, 512.213, 512.303, 512.313, 512.403, 512.513, 512.603, 512.703	106397, 106398, 106401, 106403, 106405, 106407, 106409, 106411, 106413, 106415
List 2	512.113, 512.114, 512.204, 512.214, 512.304, 512.314, 512.404, 512.514, 512.604, 512.704	106399, 106400, 106402, 106404, 106406, 106408, 106410, 106412, 106414, 106416

Summary Art. No. 3/2-way miniature valves

Type No.	Art. No.
512.111	106397
512.112	106398
512.113	106399
512.114	106400
512.203	106401
512.204	106402
512.213	106403
512.214	106404
512.303	106405
512.304	106406
512.313	106407
512.314	106408
512.403	106409
512.404	106410
512.513	106411
512.514	106412
512.603	106413
512.604	106414
512.703	106415
512.704	106416