

# Valves series A1

## 1/4", 3/2, electrically operated



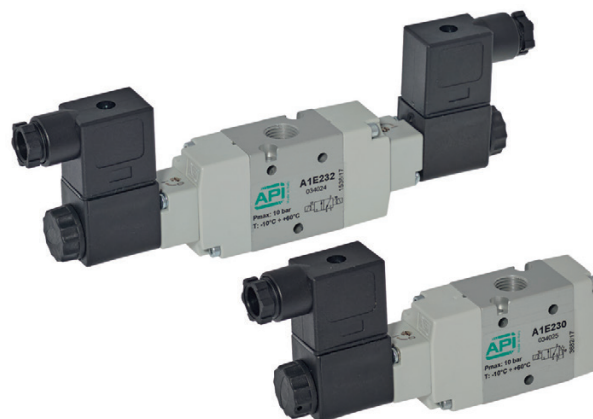
### Standard executions

Version	Symbol	Code	Item
3/2 NC		034025	A1E230
3/2 NO		034040	A1E231
3/2 solenoid/solenoid		034024	A1E232
3/2 NC external air pilot		034039	A1K230
3/2 solenoid/solenoid external air pilot		034023	A1K232



**II 2Gc IIB T5**  
**II 2Dc T100°C**

On request, they can be supplied according to 2014/34/EU - ATEX



Series of spool valves, with static seals, high flow, for panel or sub-base mounting.

Coils and connectors have to be ordered separately.

For the coils type ASA12...

see page 2.200.1

For the connectors type A122...

see page 2.210.20

For the sub-bases type A1B2...

see page 2.85.1

### Code key

Series	Actuation	Size	Function
A1	E = electrical K = electrical with external air pilot	2 = 1/4	30 = 3/2 NC 31 = 3/2 NO 32 = 3/2 solenoid/solenoid

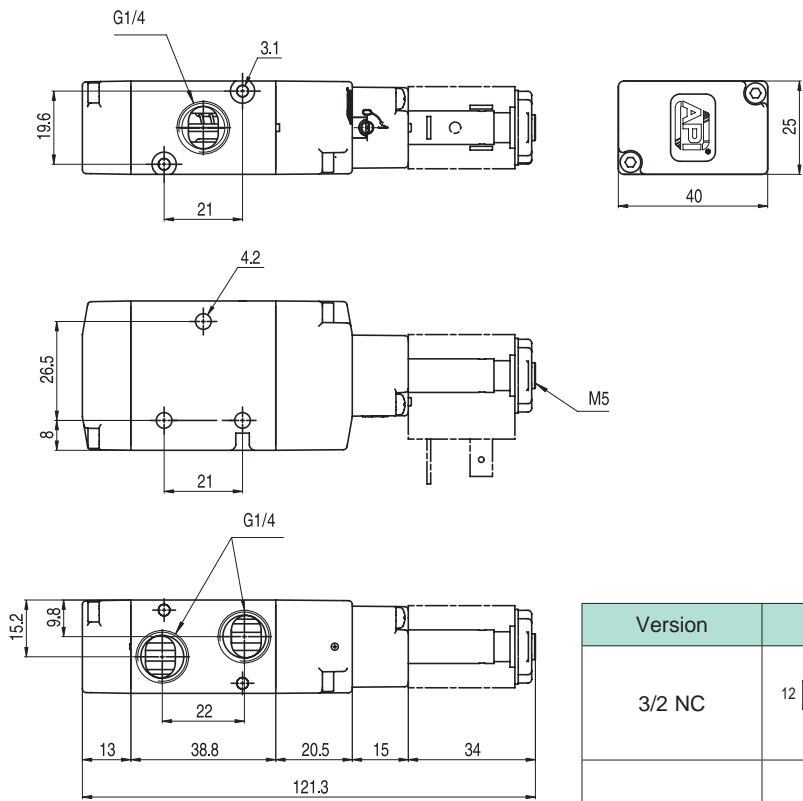
### Technical data

Fluid	Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.			
Pressure range	Spring return: 1,5 ÷ 10 bar		Bistable: 1 ÷ 10 bar	
Temperature range	-10°C ÷ +60°C			
Orifice	8 mm			
Flow	1.100 NI/min at 6 bar with ΔP 1 bar			
Minimum external air pressure	1,5 bar			
Mounting	In any position			
Manual override	Bistable			
Response time (at 6 bar)	solenoid/spring		solenoid/solenoid	
	Energising: 45 ms	De-energising: 19 ms	Energising: 21 ms	De-energising: 21 ms
Materials	Body: Anodised aluminium Covers: Delrin 500 Spool: Hard aluminium anodized Distancers: Fortron 1140 L4 Seals: Hydrogenated Nitrile Butadiene Rubber (HNBR)			

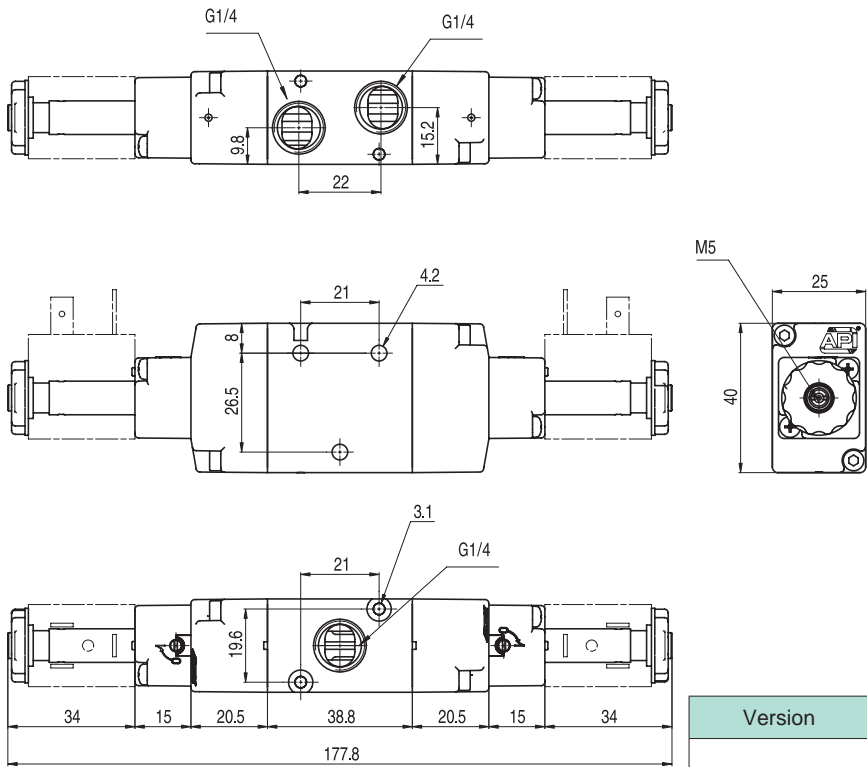
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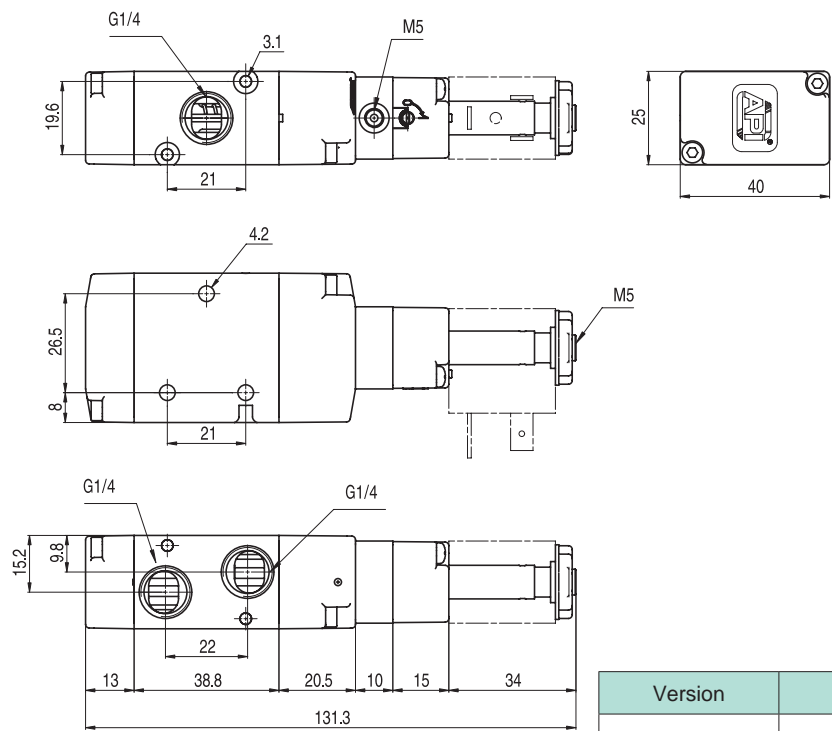


Version	Symbol	Code	Item
3/2 NC		034025	A1E230
3/2 NO		034040	A1E231

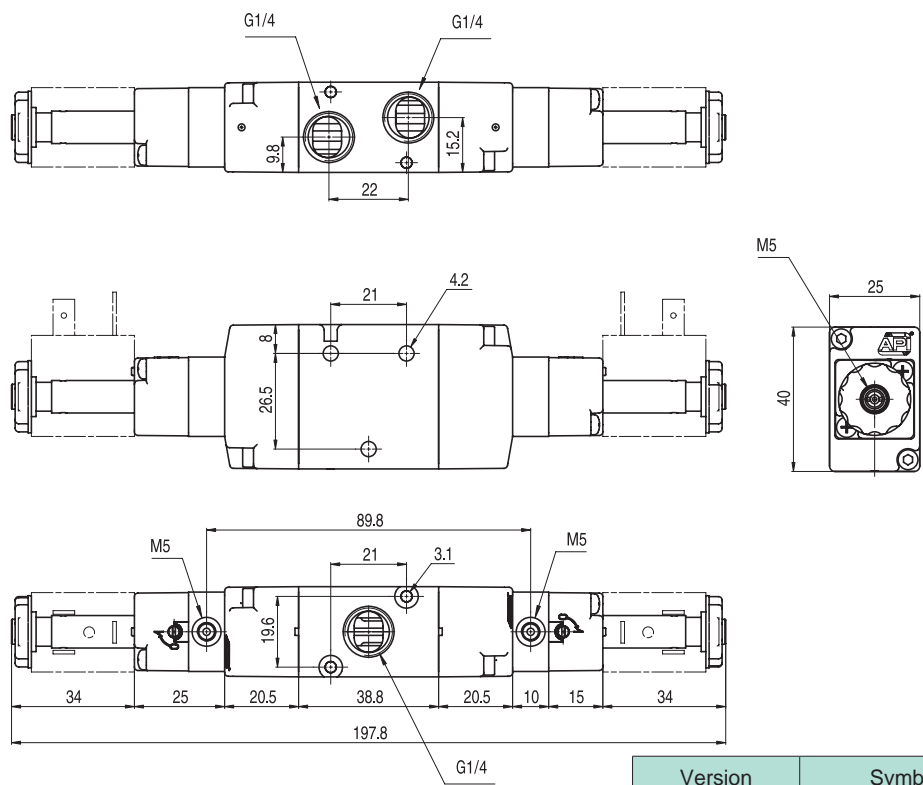


Version	Symbol	Code	Item
3/2 solenoid/solenoid		034024	A1E232

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Version	Symbol	Code	Item
3/2 NC external air pilot		034039	A1K230



Version	Symbol	Code	Item
3/2 solenoid/solenoid external air pilot		034023	A1K232