

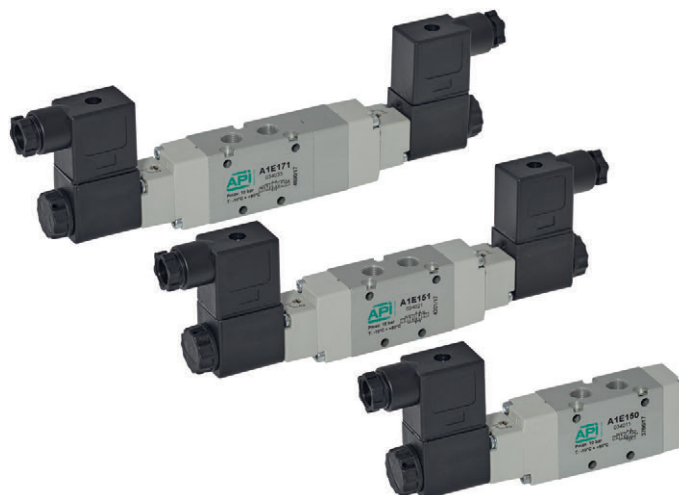
Valves series A1

1/8", 5/2 - 5/3, electrically operated



Standard executions

Version	Symbol	Code	Item
5/2 solenoid/spring		034011	A1E150
5/2 solenoid/solenoid		034021	A1E151
5/3 with closed centres		034031	A1E170
5/3 with open centres		034033	A1E171
5/3 with pressurised centres		034032	A1E172
5/2 solenoid/spring, external air pilot		034012	A1K150
5/2 solenoid/solenoid external air pilot		034008	A1K151
5/3 with closed centres, external air pilot		034009	A1K170
5/3 with open centres, external air pilot		034010	A1K171
5/3 with pressurised centres, external air pilot		034013	A1K172



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 A1B1...

see page 2.65.1

Code key

Series	Actuation	Size	Function
A1	E = electrical K = electrical with external air pilot	1 = 1/8"	50 = 5/2 solenoid/spring 51 = 5/2 solenoid/solenoid 70 = 5/3 CC 71 = 5/3 OC 72 = 5/3 PC

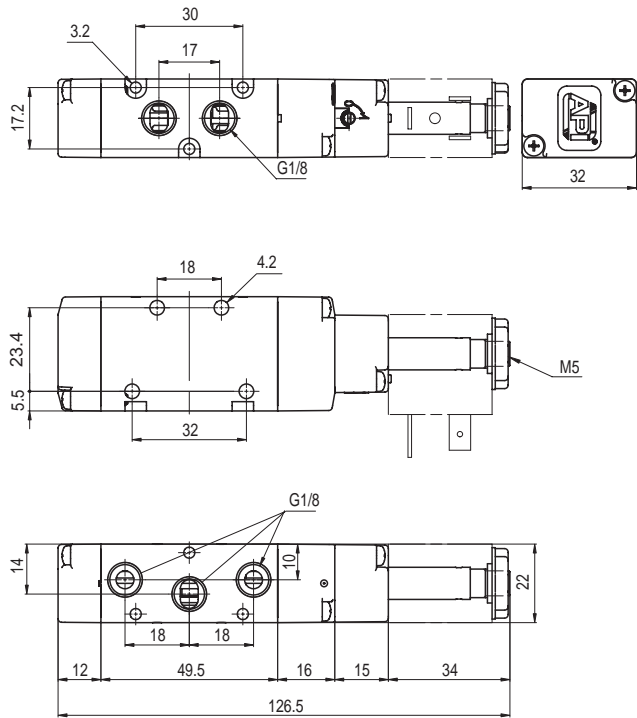


II 2Gc IIB T5
II 2Dc T100°C

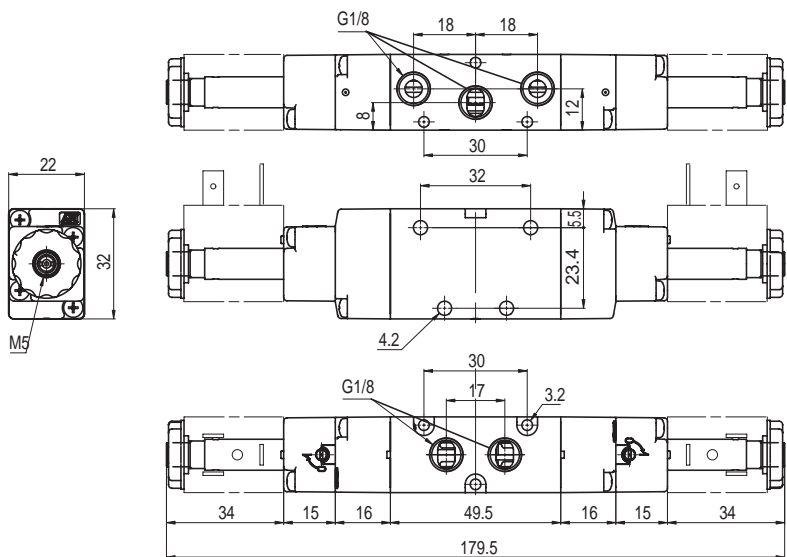
On request, they can be supplied according to 2014/34/EU - ATEX

Technical data

Fluid	Compressed filtered air with or without lubrication. Lubrication, if be used, must be continuous.			
Pressure range	Spring return: 1,5 ÷ 10 bar	Bistable: 1 ÷ 10 bar	3 position: 2,5 ÷ 10 bar	
Temperature range	-10°C ÷ +60°C			
Orifice	6,5 mm			
Flow	650 NI/min. at 6 bar with ΔP 1bar			
Minimum external air pressure	1,5 bar			
Mounting	In any position			
Manual override	Bistable			
Response time (at 6 bar)	solenoid/spring		solenoid/solenoid	
	Energising: 35 ms	De-energising: 15 ms	Energising: 20 ms	De-energising: 20 ms
Materials	Body:	Anodised aluminium		
	Covers:	Delrin 500		
	Spool:	Hard aluminium anodized		
	Distancers:	Fortron 1140 L4		
	Seals:	Hydrogenated Nitrile Butadiene Rubber (HNBR)		

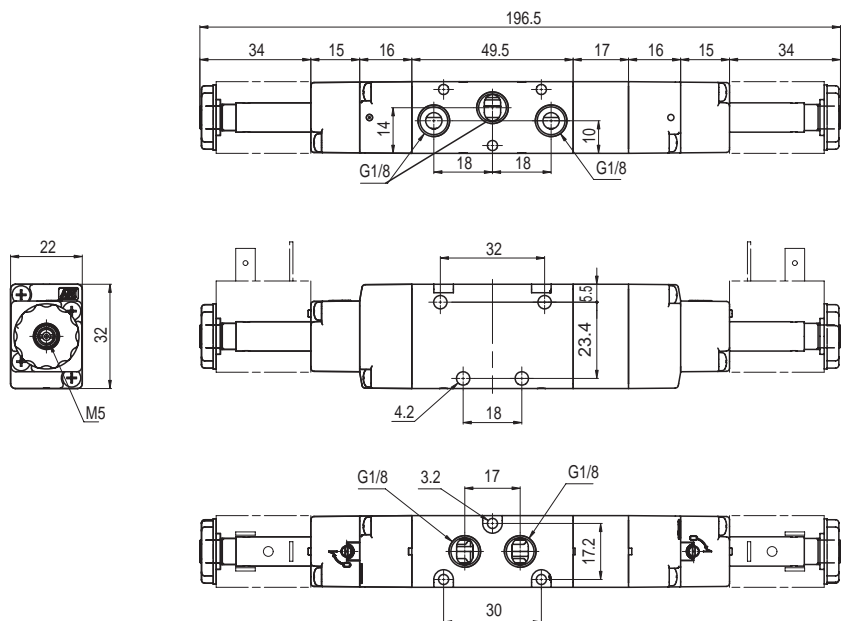


Version	Symbol	Code	Item
5/2 solenoid/spring		034011	A1E150

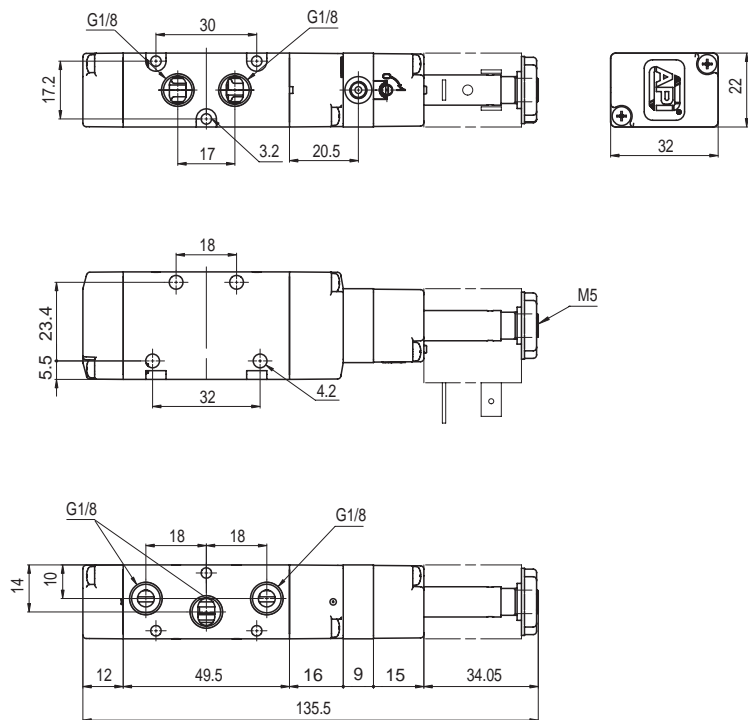


Version	Symbol	Code	Item
5/2 solenoid/solenoid		034021	A1E151

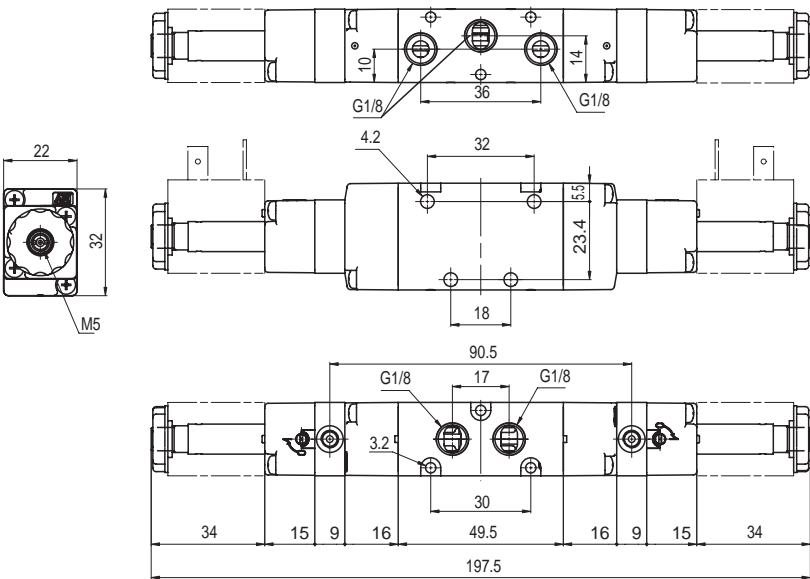
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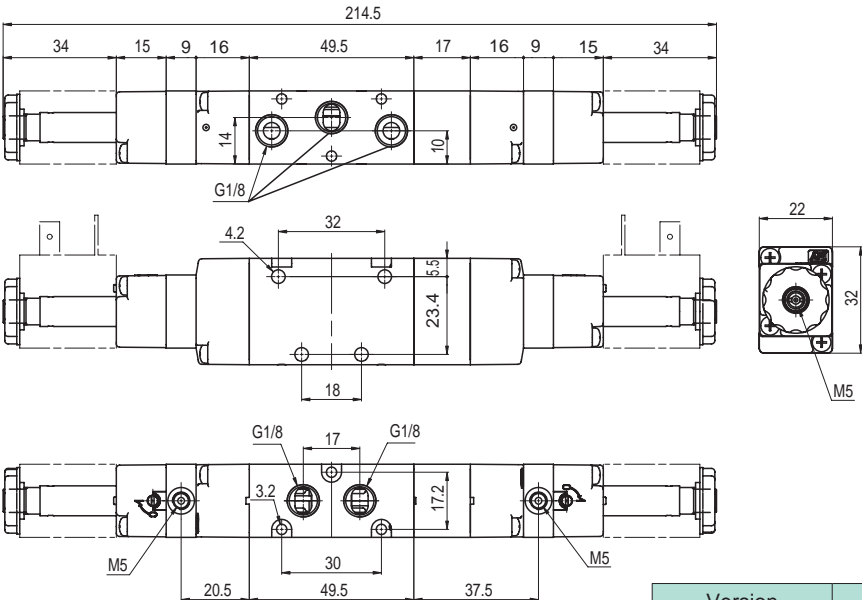
Version	Symbol	Code	Item
5/3 with closed centres		034031	A1E170
5/3 with open centres		034033	A1E171
5/3 with pressurised centers		034032	A1E172



Version	Symbol	Code	Item
5/2 solenoid/spring, external air pilot		034012	A1K150



Version	Symbol	Code	Item
5/2 solenoid/solenoid external air pilot		034008	A1K151



Version	Symbol	Code	Item
5/3 with closed centres, external air pilot		034009	A1K170
5/3 with open centres, external air pilot		034010	A1K171
5/3 with pressurised ceters external air pilot		034013	A1K172