

Valves series A1

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



Standard executions			
Version	Symbol	Code	Item
5/2 solenoid/spring		034114	A1E450
5/2 solenoid/solenoid		034115	A1E451
5/2 solenoid/solenoid differential		034139	A1E452
5/3 with closed centres		034124	A1E470
5/3 with open centres		034125	A1E471
5/3 with pressurised centres		034126	A1E472
5/2 solenoid/spring, external air pilot		034138	A1K450
5/2 solenoid/solenoid external air pilot		034140	A1K451
5/3 with closed centres, external air pilot		034159	A1K470
5/3 with open centres, external air pilot		034160	A1K471
5/3 with pressurised centres external air pilot		034161	A1K472



2

Series of spool valves, with static seals, high flow, for panel mounting.
 Coils and connectors have to be ordered separately.
 For the coils type ASA12.../ASA2... see page 2.200.1
 For the connectors type A122... see page 2.210.20

Code key

Series	Actuation	Size	Function	Options
A1	E = electrical K = electrical with external air pilot	4 = 1/2"	50 = 5/2 sol./spring 51 = 5/2 sol./sol. 52 = 5/2 sol./sol. differential 70 = 5/3 CC 71 = 5/3 OC 72 = 5/3 PC	BT = low temp. seals

Options	Suffix
Low temperature seals (-25 ÷ +60°C)	BT



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

Technical data			
Fluid	Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.		
Pressure range	2,5 ÷ 10 bar		
Temperature range	-10°C ÷ +60°C (standard)		-25°C ÷ +60°C (BT)
Orifice	15 mm		
Flow	2900 NI/min at 6 bar with ΔP 1 bar		
Minimum piloting pressure	Spring return: 2,5 bar	Bistable: 1 bar	3 positions: 2,5 bar
Mounting	In any position		
Manual override	Bistable		
Response time (at 6 bar)	solenoid/spring		solenoid/solenoid
	Energising: 60 ms	De-energising: 36 ms	Energising: 30 ms De-energising: 30 ms
Materials	Body: Anodised aluminium Covers: Anodised aluminium Spool: Hard aluminium anodized Distancers: Aluminium Seals: Hydrogenated Nitrile Butadiene Rubber (HNBR)		

Valves series A1
1/2", 5/2 - 5/3, electrically operated

