

Valves series A1

1/2", 3/2, electrically operated



Standard executions			
Version	Symbol	Code	Item
3/2 NC		034113	A1E430
3/2 NO		034122	A1E431
3/2 solenoid/solenoid		034123	A1E432
3/2 NC external air pilot		034137	A1K430
3/2 solenoid/solenoid external air pilot		034158	A1K432



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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



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

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

Code key

Series	Actuation	Size	Function	Options
A1	E = electrical K = electrical with external air pilot	4 = 1/2"	30 = 3/2 NC 31 = 3/2 NO 32 = 3/2 sol./sol.	BT = low temp. seals

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	
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)		

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