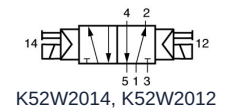
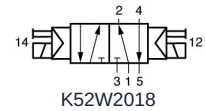
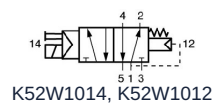
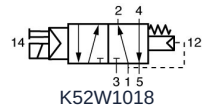


5/2-Way solenoid valve pilot-operated, 1/8" ... 1/2"

Series K52W



Design type	5/2-way solenoid valve pilot-operated, Actuation electric/spring or rather electric/electric, Manual emergency override
Connection	G1/8" ... G1/2" according to ISO228/1
Materials	Body Nickel-plated aluminium, Slide valve Aluminium, Seals NBR
Mounting type	Through bores in the valve body
Mounting position	any
Medium	filtered and lubricated or non-lubricated compressed air
Medium temperature	0...+40°C
Ambient temperature	-10...+50°C

Electrical Data:

Coil type	CS, Connector width 16mm
Standard voltage	230V/50-60Hz, 24V/50-60Hz, 24VDC
Special voltages	115V/50-60Hz, 12VDC, further on request
Permissible voltage fluctuation	±10%
Power consumption	see table solenoid coil
Duty cycle	100% Duty cycle (continuous operation)
Degree of protection	IP65 according to EN 60529 with properly mounted device connector (protection against dust ingress and water jets)

Notes:

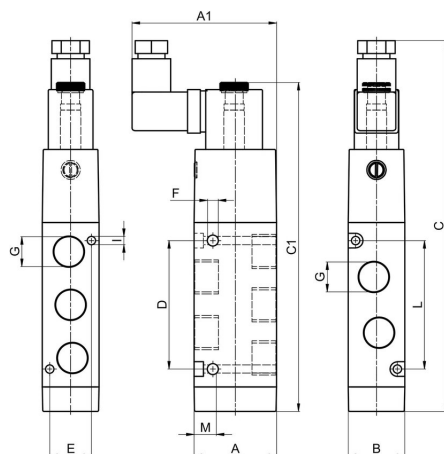
Application	Valve size 1/8" only with silencer series SLN-RB
Scope of delivery	incl. connector Cable entry M12x1
	When ordering, please specify voltage and type of current Technical documentation for base plate see separate data sheet CAD files are available in the STASTO Store at www.stasto.eu

Type code

K 52 W	1 0	18	CS - 230/50-60Hz
	1electric/spring	18G1/8"	230V/50-60Hz
	2electric/electric	14G1/4"	115V/50-60Hz
		12G1/2"	24V/50-60Hz
			24VDC
			12VDC



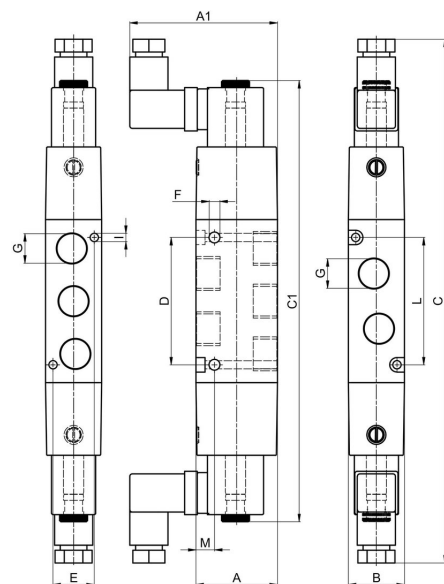
K52W101. Actuation electric/spring



Connection G	Nominal size DN [mm]	Pressure range [bar]	A	A1	B	C	C1	D	E	F	I	L	M	Flow rate* [Nl/min]	Type
G1/8"	6	2,5...9	28	53	18	112,5	125,5	35	13	3,2	3,2	35	8	730	K52W1018
G1/4"	8	2,5...9	32	55	22	142,5	129	50	16,2	4,2	3,5	50	7,3	1300	K52W1014
G1/2"	14	2,5...9	50	75	30	180	166	46	-	5,2	-	-	11	4000	K52W1012

*Reference pressure 6bar, Reference temperature 20°C

K52W201. Actuation electric/electric

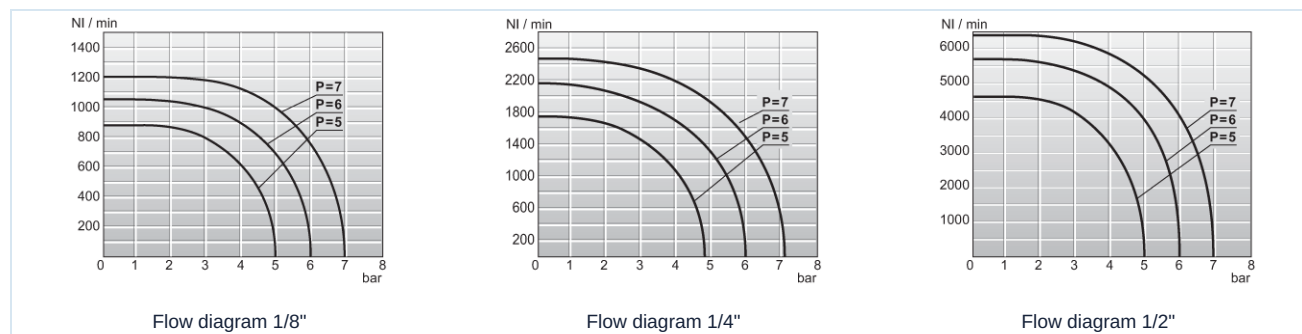


Connection G	Nominal size DN [mm]	Pressure range [bar]	A	A1	B	C	C1	D	E	F	I	L	M	Flow rate* [Nl/min]	Type
G1/8"	6	1,5...9	28	53	18	180	152	35	13	3,2	3,2	35	8	730	K52W2018
G1/4"	8	1,5...9	32	55	22	202	174	50	16,2	4,2	3,5	50	7,3	1300	K52W2014
G1/2"	14	1,5...9	50	75	30	240	210	45,6	-	5,2	-	-	11	4000	K52W2012

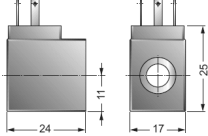
*Reference pressure 6bar, Reference temperature 20°C



Flow diagram



Solenoid coil

		Voltage	Power consumption at 20°C	Type
		12V DC	2,4W	CS01200
		24V DC	2,4W	CS02400
		24V/50-60Hz	3,5VA	CS02450
		115V/50-60Hz	3,5VA	CS11550
		230V/50-60Hz	3,5VA	CS23050

For details on the device socket see separate data sheet

Switching time

Connection G	Switching time [ms]	
	AC ONE/EXHAUST	DC ONE/EXHAUST
G1/8"	37	59
G1/4"	37	59
G1/2"	77	91

Illustrations non-binding

Design, dimensional and material changes reserved

Pneumatics / Way-valves - electrically / pneumatically / 3/2- 5/2- 5/3-way valves - series K (connector size 16mm) / 5/2-way valve Series K5.W1

