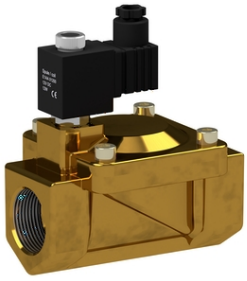
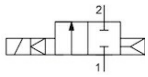
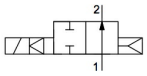
Partnership. With Guarantee.

2/2-Way solenoid valve - pilot-operated
Series SL125, SL126





normally closed



normally open

Design type	2/2-way solenoid valve with diaphragm seal-off, pilot-operated, normally closed or normally open
Connection	G3/8"...G2" according to ISO228/1
Materials	Body Brass, Internal parts Brass and Stainless steel similar 1.4104, Diaphragm material NBR, EPDM or FKM Guide tube 3/8"...1" Brass Guide tube 11/4"...2" Stainless steel
Mounting type	Installation in rigid piping system
Mounting position	any
Application range	gaseous and liquid media that do not attack the materials used
Viscosity	max. 21mm ^{2} /s (cst)
Switching time	depending on operating pressure and medium
Medium temperature	depending on the sealing material and Solenoid coil
Ambient temperature	-20...+50°C, higher ambient temperatures on request

Electrical data:

Coil type	Type C0B1, Connector width 22mm Type C0A1, Connector width 32mm Type C0A2, Connector width 32mm
Electrical connection	connector according to industrial form B or rather according to EN175301-803 Form A (see separate data sheet)
Voltage type	AC and DC voltage
Standard voltage	230V/50Hz, 24V/50Hz, 24VDC
Special voltages	12...380V/50Hz or 60Hz, 12...220VDC
Permissible voltage fluctuation	±10%
Power consumption	see table "Power consumption of the solenoid coils"
Duty cycle	100% duty cycle (continuous operation)
Degree of protection	IP65 according to EN 60529 with correctly mounted device connector (protection against dust ingress and water jets)
Special version	Coil for humid environment
Application note	When ordering, please specify voltage and type of current. We always recommend installing a strainer upstream to prevent malfunctions in the event of contamination of the medium. These valves can also be used for rough vacuum if the minimum differential pressure of 0.5 bar is present..

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Type code

			SL125	-	12	-	V	-	B1	S	03	-	01
		Function NC - normally closed	SL125										
	Type	Function NO - normally open	SL126										
	Connection	G3/8"			38								
		G1/2"			12								
		G3/4"			34								
		G1"			10								
		G11/4"			114								
		G11/2"			112								
		G2"			20								
	Seal	Standard seal NBR (N) - Leave blank											
		EPDM					E						
		FKM					V						
	Coil	without coil - Leave blank											
		C0A1							A1				
		C0A2							A2				
		C0B1							B1				
	Device connector	without device connector - Leave blank											
		Standard								S			
		with integrated yellow LED and VDR								L			
		with moulded PVC cable (2 m)								M			
	Voltage	24VDC									03		
		24V/50Hz									18		
		230V/50Hz									21		
	Special version	described in the item text											01

Possible applications of the individual sealing materials

Material	Medium temperature	Application examples
NBR	-10...80°C	Air, Water, neutral gases and liquids
EPDM	-10...130°C	Hot water, Steam, Oxygen
FKM	-10...130°C	Oils, Gasoline, Diesel

Solenoid coils

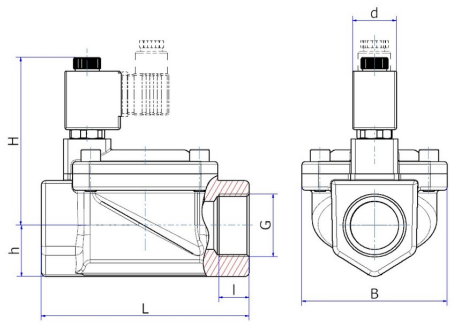
Type	Degree of protection	Insert	Approvals
C0B1	IP65	Medium temperature up to max. 130°C	CE
C0A1	IP65	Medium temperature up to max. 120°C	CE
C0A2	IP65	Medium temperature up to max. 140°C	CE

Power consumption of the solenoid coils

	Coil C0B1	Coil C0A1	Coil C0A2
Power consumption in VA (AC)	13	32	70
Holding power in VA (AC)	10	14	32
Holding power in W (DC) at operating temperature	6,5	12	27

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Dimensions



Connection G	Nominal size DN[mm]	Pressure range [bar] AC	Pressure range [bar] DC	B	d	h	H	l	L	Kv value [m 3 /h Water]	Weight [approx. kg]	Coil	Type
G3/8"	14	0,5...16	0,5...15	48	22	15	75	12	66	2,7	0,52	C0B1	SL125-38-C0B1
G1/2"	14	0,5...16	0,5...15	48	22	15	75	12	66	3,2	0,52	C0B1	SL125-12-C0B1
G3/4"	19	0,5...16	0,5...15	57,8	22	18	77	12	75	4,6	0,72	C0B1	SL125-34-C0B1
G1"	25	0,5...16	0,5...15	70	22	22	90	12	96	12,3	1,07	C0B1	SL125-10-C0B1
G11/4"	40	0,5...16	0,5...16	96	30	34	112	17	131	19,8	1,63	C0A.	SL125-114
G11/2"	40	0,5...16	0,5...16	96	30	34	112	19	131	19,8	2,22	C0A.	SL125-112
G2"	48	0,5...16	0,5...16	119	30	34,5	123	22	166	42,5	4,14	C0A.	SL125-20

Connection G	Nominal size DN[mm]	Pressure range [bar]	B	d	h	H	l	L	Kv value [m 3 /h Water]	Weight [approx. kg]	Coil	Type
G3/8"	14	0,5...5	48	22	15	75	12	66	2,7	0,53	C0B1	SL126-38-C0B1
G1/2"	14	0,5...5	48	22	15	75	12	66	3,2	0,53	C0B1	SL126-12-C0B1
G3/4"	19	0,5...5	57,8	22	18	77	12	75	4,6	0,73	C0B1	SL126-34-C0B1
G1"	25	0,5...5	70	22	22	90	12	96	12,3	1,08	C0B1	SL126-10-C0B1
G11/4"	40	0,5...12	96	30	34	112	17	131	19,8	1,85	C0A.	SL126-114
G11/2"	40	0,5...12	96	30	34	112	19	131	19,8	2,24	C0A.	SL126-112
G2"	48	0,5...12	119	30	34,5	123	22	166	42,5	4,16	C0A.	SL126-20

Illustrations non-binding
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