

ELE82400 - DIAPHRAGM PILOT OPERATED SOLENOID VALVES - N.C.

Pilot operated solenoid valves for gas and neutral media. Indirect drive with differential pressure. Membrane technology. Unidirectional flow direction. Brass body, inner stainless steel and PVDF, membrane standard NBR on request FPM or EPDM.

Temperatura fluido: -10...+90°C (110°C EPDM FPM)
 Viscosity: up to 25 cSt
 Consumption: 9101 DC=8W, AC=15VA (inrush) e 12VA (running)
 9151 DC=18W, AC=45VA (inrush) and 35VA (running)
 Protection: IP 65 (DIN 43650 A)
 Option: Normally Open Version



Thread R	DN mm	Kv m3/h	Pressure bar	Coil	L mm	B mm	H mm	H1 mm
1/4"	8	1,9	0.1...16	9101	60	44	78.5	67.0
3/8"	10	3	0.1...16	9101	60	44	78.5	67.0
1/2"	12	3,8	0.1...16	9101	67	44	81.0	67.0
3/4"	20	6,1	0.1...16	9101	80	50	88.0	71.5
1"	25	9,5	0.1...16	9101	95	62	79.5	77.0
1"1/4	32	23	0.1...10-16	9101 - 9151	132	92	124.5 (142)	95.5 (113.0)
1"1/2	40	25	0.1...10-16	9101 - 9151	132	92	124.5 (142)	95.5 (113.0)
2"	50	41	0.1...10-16	9101- 9151	160	109	142.5 (142)	108.0 (125.5)

(with coil 9101 pressure range from 0.1 to 10 bar)

In brackets size coil 9151

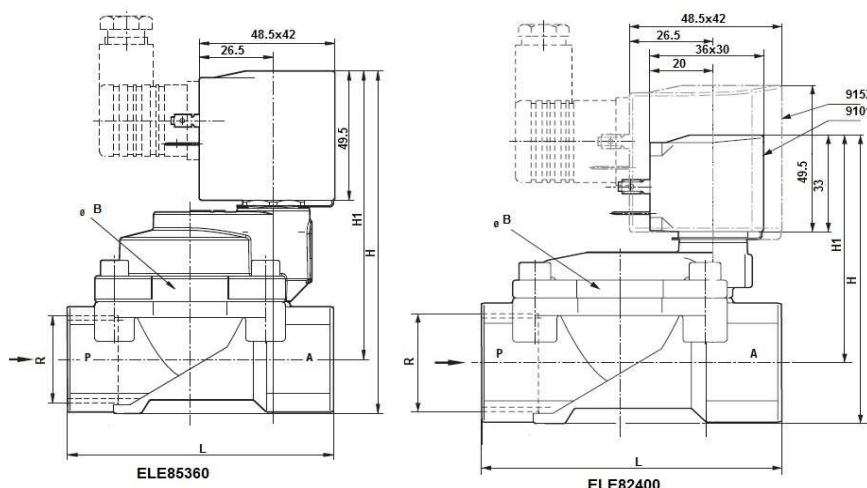
ELE85360 - PISTON PILOT OPERATED SOLENOID VALVES - N.C.

Pilot operated solenoid valve for gas and neutral media. Indirect drive, with differential pressure. Piston technology. Unidirectional flow direction. Brass body, inner stainless steel, PTFE carbon graphite seal.

Fluid temperature: -20...+90°C
 Viscosity: up to 25 cSt
 Consumption: 9151 DC=18W, AC=45VA (inrush) e 35VA (running)
 Protection: IP 65 (DIN 43650 A)
 Option: Normally open version up to DN25
 manual override version



Thread R	DN mm	Kv m3/h	Coil	Pressure bar	L mm	B mm	H mm	H1 mm
1/4"	8	2,2	9151	0.5...40	60	44	105.0	93.5
3/8"	10	3,4	9151	0.5...40	60	44	105.0	93.5
1/2"	12	4,4	9151	0.5...40	67	44	107.5	93.5
3/4"	20	7	9151	0.5...40	80	50	119.0	102.5
1"	25	10,5	9151	0.5...40	95	62	131.5	110.5
1"1/4	32	25	9151	0.5...40	132	92	166	137
1"1/2	40	27	9151	0.5...40	132	92	166	137
2"	50	43	9151	0.5...40	160	109	186	151.5



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ELE08- SERVO DIAPHRAGM SOLENOID VALVE NC/NO

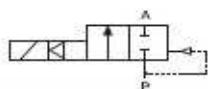
2/2-way Solenoid Valve with servo diaphragm. Pivoted armature pilot drive with manual override. Magnetic drive completely isolated from fluid by diaphragm. Circuit function can be changed (NC or NO). For gas and neutral fluid.

Body: Brass
 Seal: NBR, FKM, EPDM
 Power supply: 24V AC/DC, 230V AC
 Class protection: IP 65 (DIN 43650 A plug)
 Power consumption: AC 24 VA 8W; DC 8W
 Response times sec: Opening 0.1-0.8, Closing 1.0-4.0
 Option: NPT connections



Connection	DN mm	Kv m³/h	Pressure bar
1/2"	13	4	0.2...10
3/4"	20	6,5	0.2...10
1"	25	10	0.2...10
1"1/4	32	20	0.2...10
1"1/2	40	20	0.2...10
2"	50	40	0.2...10
2"1/2	65	40	0.2...10

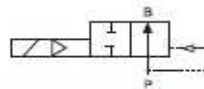
Circuito funzione A
Circuit function A



Valvola 2 vie NC

2/2-way valve, NC

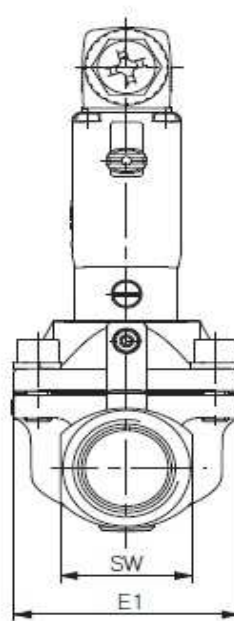
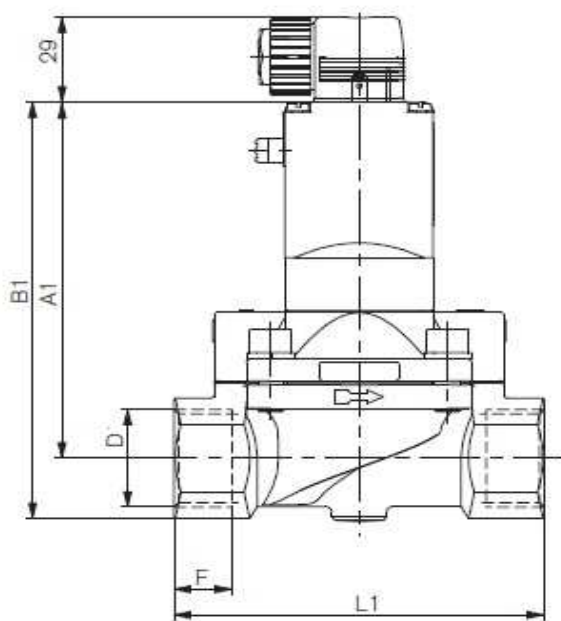
Circuito funzione B
Circuit function B



Valvola 2 vie NO

2/2-way valve, NO

D Gas	A	B	F	E	L	SW
1/2"	109	123	14	40	65	27
3/4"	115	131	16	60	100	32
1"	121.5	142	18	70	115	41
1"1/4	122	147	20	85	126	50
1"1/2	126	156	22	85	126	60
2"	142.5	177.5	24	115	164	70
2"1/2	142.5	185	27	115	180	85



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ELE95000 - DIRECT ACTING SOLENOID VALVES 1/4"

Poppet solenoid valves.

Suitable for high vacuum 0.00133 mbar abs.

Assembly without impurities for oxygen applications.

Available voltages: 24VDC, 24VAC, 110VAC, 230VAC

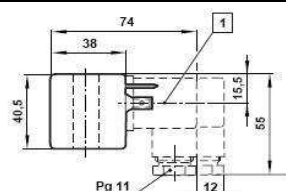
NORMALLY CLOSED FUNCTION - brass body, NBR seals

Thread R	Kv m3/h	Air Flow Qn lt/min	Orifice mm.	Pressure Range	Coil	Drawing
1/4"	0.07	70	1.5	0...40	A	1
1/4"	0.12	120	2	0...35	A	1
1/4"	0.2	200	3	0...10	B	1
1/4"	0.35	350	4	0...12	C	1
1/4"	0.55	550	6	0...5	D	2

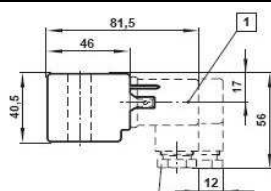
NORMALLY OPEN FUNCTION - brass body, NBR seals

Thread R	Kv m3/h	Air flow Qn lt/min	Orifice mm.	Pressure Range	Coil	Drawing
1/4"	0.1	100	2	0...20	A	3
1/4"	0.16	160	3	0...10	A	3

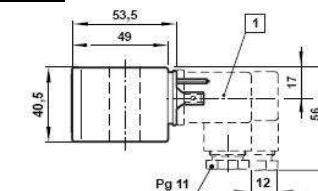
Coil type		A	B	C	D
DIN43650 type A	DC	0246 - 7W	0200 - 12W	0700 - 16W	0800 - 16W
	AC	3206 - 8VA	3204 - 12VA	3703 - 18VA	3803 - 18VA
Eex m II T6 connector	DC		4220 - 8W	4230 - 12W	
	AC		4221 - 9VA	4231 - 13VA	



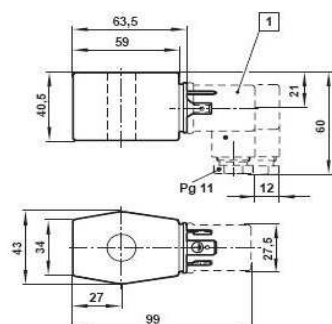
coil/magnete 0200-0246



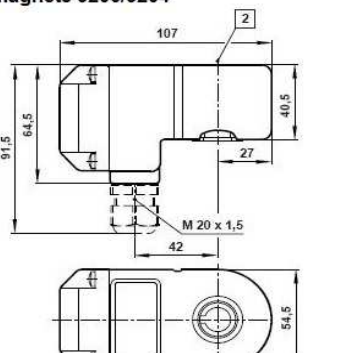
coil/magnete 3206/3204



coil/magnete 0700

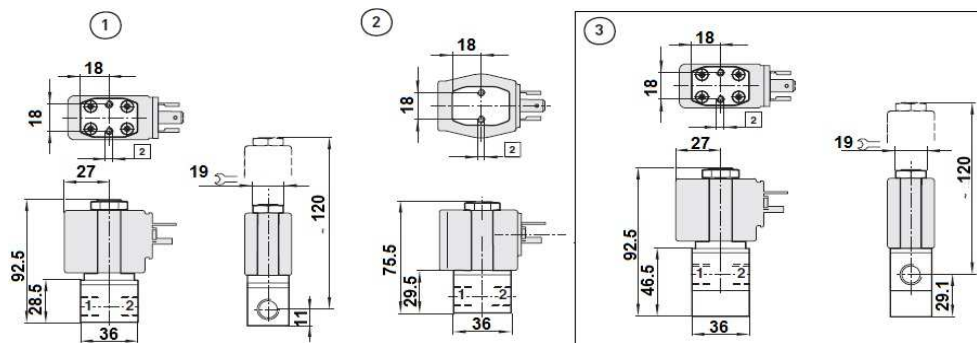


coil/magnete 3703-3803



coil/magnete 4220-4221-4230-4231

DIMENSIONS



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ELE82540 - DIRECT ACTING SOLENOID VALVES FROM 1/4" TO 1" N.C.

Direct acting solenoid valves with forced lifting. For neutral fluids, vacuum and gas. Brass body, inner stainless steel and PVDF, standard seals NBR.

Fluid temperature: -10...+90°C
Fluid viscosity: more than 25mm²/s
Pressure Range: 0...10bar
Consumption: DC=18W, AC=20VA
Protections: IP 65 (DIN 43650 A connector)
Options: Normally Open N.O. version

Connection	DN mm	Kv m ³ /h	Coil DC	Coil AC
1/4"	8	1,9	9151	9154
3/8"	10	3	9151	9154
1/2"	12	3,4	9151	9154
3/4"	20	5,8	9151	9154
1"	25	8	9151	9154



ELE85700 - DIRECT ACTING SOLENOID VALVES N.C. 0/25bar

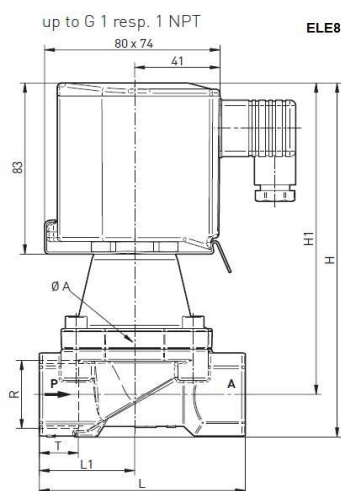
Direct acting solenoid valves with forced lifting. Poppet technology. Unidirectional flow direction. Suitable for vacuum, gases and liquids up to 40 cSt.

Ambient temperature: -20...+50°C
Fluid temperature: -20...+90°C
Materials: Brass body, NBR seals, inner parts stainless steel /PTFE carbographe
Options: - EExme/Eexd execution
- Normally Open version

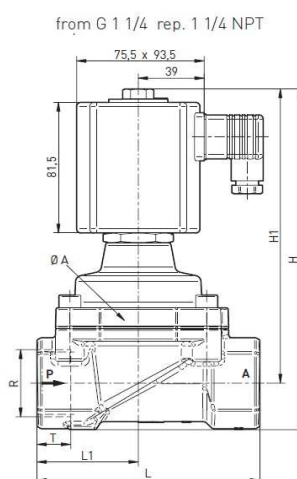
Coil:	9404	8404	9401	8401
Consumption:	42 VA	45 VA	38 W	40 W



Connection	DN mm	Kv m ³ /h	Pressure bar	Weight kg	L	H	Coil ac	Coil dc
1/4"	8	2.2	0...25	2,4	60	152	9404	9401
3/8"	10	3.4	0...25	2,4	60	152	9404	9401
1/2"	12	4.4	0...25	2,5	67	154.5	9404	9401
3/4"	20	7	0...25	2,7	80	162	9404	9401
1"	25	10.5	0...25	3,1	95	183	9404	9401
1"1/4	32	25	0...25	5,6	132	212.5	8404	8401
1"1/2	40	27	0...25	5,4	132	212.5	8404	8401
2"	50	43	0...25	6,8	160	226.5	8404	8401



ELE85700



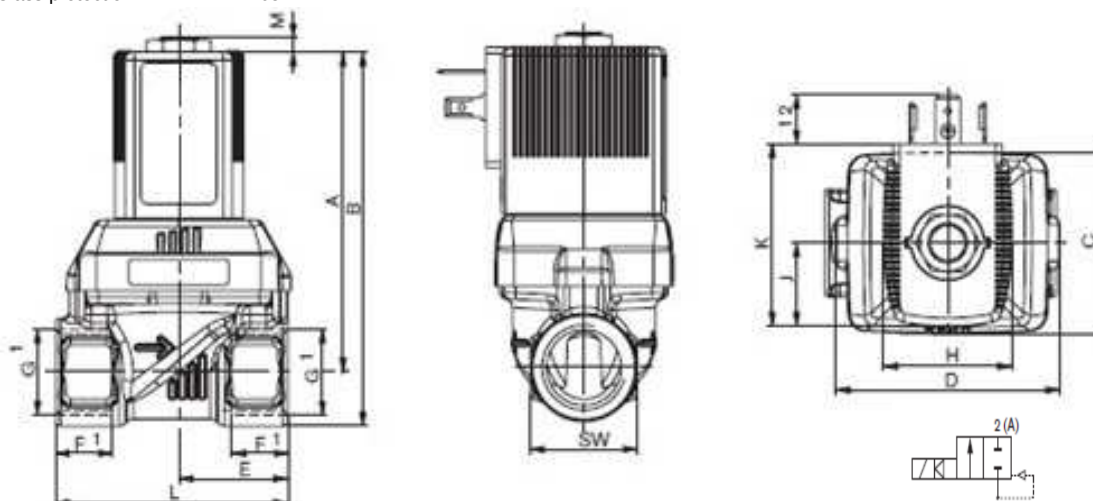
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ELE10 N.C. DIRECT ACTING SOLENOID VALVE 0/10 bar

Elettrovalvole a membrana servozionata direttamente dal magnete di comando.
Riduzione del colpo d'ariete. Ampie portate, con pressioni prossime a zero per fluidi di natura diversa.

Body: Brass
Seal: NBR = -10...+80°C FPM (viton) = -10°...+120°C
EPDM from 3/8" to 3/4" = -30...+90°C;
EPDM from 1" to 2" = -30...+100°C
Working Pressure: 0...10 bar
Class protection: IP65



Size	DN mm	Kv m³/h	Power consumption AC	Power consumption DC 24V	Coil mm		
3/8"	10	1.9	Inrush 34 VA - 8W	10 W	32 AC / 40 DC		
1/2"	13	3.6	Inrush 36 VA - 8W	10 W	32 AC / 40 DC		
3/4"	20	8.3	Inrush 38 VA - 8W	10 W	32 AC / 40 DC		
1"	25	11.0	Inrush 150 VA - 16W	29 W	42 AC / 65 DC		
1"1/4	25	11.0	Inrush 150 VA - 16W	29 W	42 AC / 65 DC		
1"1/2	40	30.0	Inrush 190 VA - 16W	29 W	42 AC / 65 DC		
2"	40	30.0	Inrush 190 VA - 16W	29 W	42 AC / 65 DC		
Dimensions							
Size	L	B	C	D	E	H	K
3/8"	50	78.4	36	46	22	32 (40)	45 (51)
G1/2"	58	92.8	44.5	56	27.2	32 (40)	45 (51)
G3/4"	80	109.8	65	76.6	37	32 (40)	45 (51)
G1"	95	156.8	77	88	46	42 (65)	55.5 (72)
G1"1/4	95	166.3	77	88	46	42 (65)	55.5 (72)
G1"1/2	126	182.3	104.5	117	61	42 (65)	55.5 (72)
G2"	132	193.3	104.5	117	64	42 (65)	55.5 (72)

In brackets size with DC magnet



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ELE11 - N.C. DIRECT ACTING SOLENOID VALVE 0/16 bar

Servo-assisted 2/2-way diaphragm valve, direct acting. For clean fluids. Working pressure up to 16 bar.

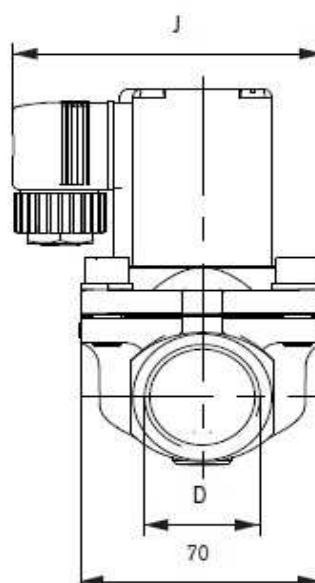
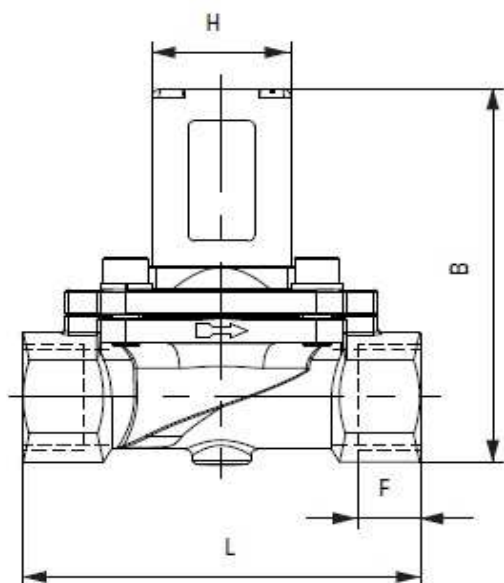
Body: brass
Seal = NBR - FPM - EPDM
Class Protection: IP65



Size	Range pressure bar	DN	Kv m ³ /h	Power consumption AC (VA) - UC (W)	Response times ms	
					Opening	Closing
1/2"	0-16	12	1,8	100 - 80	100 to 250	700 to 2000
3/4"	0-16	20	5,0	120 - 100		
1"	0-16	25	10,0	120 - 100		
1"1/4	0-12	32	16,0	120 - 100	300 to 1000	700 to 4000
1"1/2	0-12	40	16,0	120 - 100		
2"	0-12	50	38,0	- - 30		

Dimensions

Size	B	E	F	H	J	L	Weight kg
G1/2"	95.5	40	14	40	73	74.5	1
G3/4"	122	60	16	49	86.5	100	1.4
G1"	131	70	18	49	91.5	115	1.8
G1"1/4	145	85	20	49	99	126	2.7
G1"1/2	154	85	22	49	99	126	3.1
G2"	211	115	24	72	126	164	6.5

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