


**Applications:**

- Instrumentation. Laboratories.
- Burner pilot for gas and oil.
- Welding equipment. Humidifiers.
- Dental equipment. Vacuum systems.
- Dry air-gas. Light liquids.

**Main characteristics**

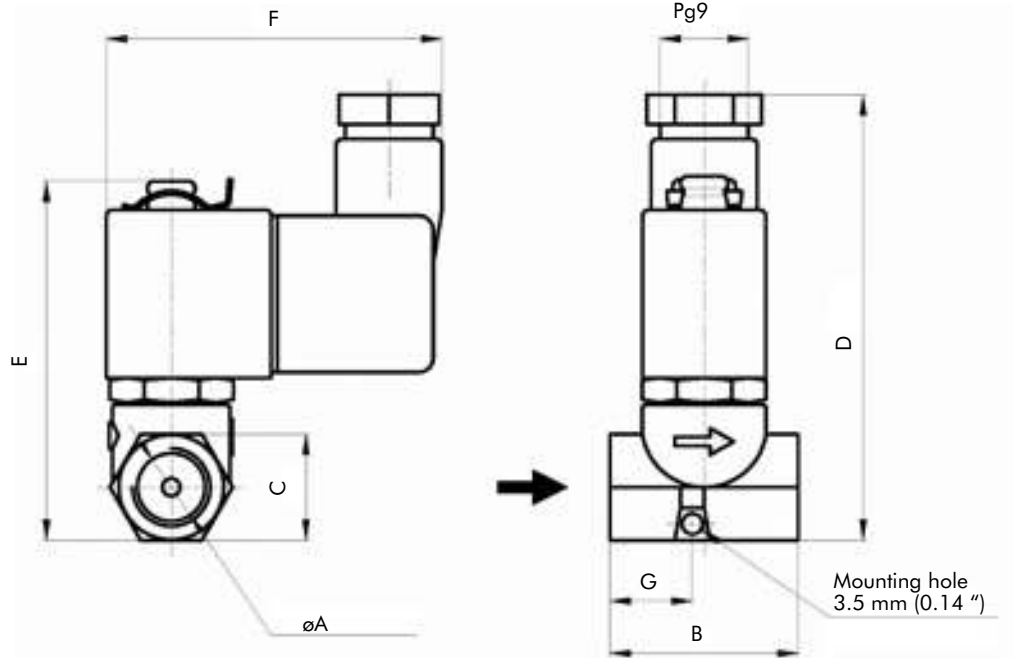
Normally closed.  
 Direct action. No minimum differential pressure to operate.  
 Forged brass compact body.  
 BSP or NPT threaded connections.  
 Buna "N" seat for neutral fluids up to 80 °C.

Neoprene, ethylene-propylene and FKM for other applications.  
 Encapsulated minicoils.  
 Shape B DIN 43650 connection.  
 IP65 and NEMA4 Protection.  
 Response time with air at 6 bar (10 milliseconds)  
 Approximate weight: 170 g. (0.38 Lb)

**Technical specifications**

Ø Pipe ins	Ø Orifice		Flow factor		Maximum Δp				Maximum temp. and catalog N° according to seat material			
					AC		DC		Buna "N"	Neoprene	EPDM	FKM
	mm	ins.	Kv	Cv	bar	psi	bar	psi	80 °C / 176 °F	80 °C / 176 °F	145 °C / 293 °F	150 °C / 302 °F
<b>Normally closed - Minimum Δp: 0</b>												
1/8"	1,25	,049	0,05	0,06	37	536	31	450	2026BA121	2026BN121	2026BE121	2026BV121
	1,75	,068	0,09	0,11	15	217	15	217	2026BA171	2026BN171	2026BE171	2026BV171
	2,25	,088	0,13	0,15	7.5	108	7.5	108	2026BA221	2026BN221	2026BE221	2026BV221
	3,00	,118	0,26	0,30	3	43	3	43	2026BA301	2026BN301	2026BE301	2026BV301
1/4"	1,25	,049	0,05	0,06	37	536	31	450	2026BA122	2026BN122	2026BE122	2026BV122
	1,75	,068	0,09	0,11	15	217	15	217	2026BA172	2026BN172	2026BE172	2026BV172
	2,25	,088	0,13	0,15	7.5	108	7,5	108	2026BA222	2026BN222	2026BE222	2026BV222
	3,00	,118	0,26	0,30	3	43	3	43	2026BA302	2026BN302	2026BE302	2026BV302
	4,00	,157	0,35	0,41	3	43	2,6	39	2026BA402	2026BN402	2026BE402	2026BV402

### General dimensions 2026



øA	B	C	D	E	F	G
R 1/8"	32	18	76	61	57	14
R 1/4"						

Measurements: mm

øA	B	C	D	E	F	G
R 1/8"	1.26	0.71	2.99	2.40	2.24	0.55
R 1/4"						

Measurements: ins.

### Coil characteristics

Electric power supply	Coil type	Power W	VA (volt-amper)		Maximum temperature		Available tensions
			Inrush	Holding	°C	°F	
AC 50 Hz	GF06C	6	10.8	7.5	155	311	1
AC 60 Hz	GF06C	6	12.9	8.0	155	311	2
DC	GF06C	6	6	6	155	311	3

1-(12,24,110,220,240)V 2-(12,24,110,120,220,240)V 3-(12,24,110,220)V

Options	Prefix	Suffix	Examples
NPT connections		T	2026BA121T

### Application according to seat material

Seat material	Buna "N"	Neoprene	EPDM	FKM
Maximum temperature	+80 °C / 176 °F	+80 °C / 176 °F	+145 °C / 293 °F	+150 °C / 302 °F
Uses	Water, air, light oils, kerosene, low and medium vacuum, neutral gases.	Oxygen, alcohol, argon, other non-corrosive light gases and liquids, Freon 12.	Water steam, hot water, acetone.	Benzene, naphta, aromatics, etc. hot gases, high vacuum, diesel oil, benzine.

### Recommendations for installation

Place a strainer upstream the valve with a porosity  $\leq 100\mu$ .  
Any position.  
Preferably over horizontal pipeline with the coil upright.