


Applications:

- Pumps, laundry equipments.
- Irrigation. Compressors. Pollution control.
- Heating with medium or high pressure steam.
- Spraying. Irrigation.
- Air dryers. Water treatment.
- Autoclaves. Industrial laundry equipments.

Main characteristics

Normally closed and normally open.
Piston servo-operated action.
Brass, stainless steel body.
BSP or NPT threaded connections.
Buna N seats for neutral fluids up to 80 °C
and PTFE up to 180 °C.
Encapsulated coils. Shape A DIN 43650 Connection.
IP65 and NEMA4 Protection.

Options:

- Energized coil indicator light.
- Explosion and / or weather proof coils and housings.
- Manual operator.

Operating pressure differential

***Advise:** when using direct current (DC), a 25% reduction on the maximum operating pressure differential is expected

Type	Minimum		Maximum steam				Maximum other fluids	
			PTFE seat		EPDM seat			
	bar	psi	bar	psi	bar	psi	bar	psi
NC	0.1	1.5	10	150	3	45	15 *	225 *
NO	0.1	1.5	10	150	3	45	10	150

Technical specifications - Brass body

Ø Pipe ins	Ø Orifice		Flow factor		Weight		Maximum temp. and catalog N° according to seat material				
	mm	ins.	Kv	Cv	kg	Lb	Buna "N"	Neoprene	EPDM	FKM	PTFE
							80 °C / 176 °F	80 °C / 176 °F	145 °C / 293 °F	150 °C / 302 °F	180 °C / 356 °F
Normally closed											
1/4"	6	0.24	0.80	0.94	0.70	1.6	1390BA2	1390BN2	1390BE2	1390BV2	1390BT2
3/8"	9	0.35	1.60	1.87	0.65	1.4	1390BA3	1390BN3	1390BE3	1390BV3	1390BT3
1/2"	12	.47	2.35	2.75	0.90	2.00	1390BA4	1390BN4	1390BE4	1390BV4	1390BT4
Normally open											
1/4"	6	0.24	0.80	0.94	0.70	1.6	1390BA2INA	1390BN2INA	1390BE2INA	1390BV2INA	1390BT2INA
3/8"	9	0.35	1.60	1.87	0.65	1.4	1390BA3INA	1390BN3INA	1390BE3INA	1390BV3INA	1390BT3INA
1/2"	12	.47	2.35	2.75	0.90	2.00	1390BA4INA	1390BN4INA	1390BE4INA	1390BV4INA	1390BT4INA