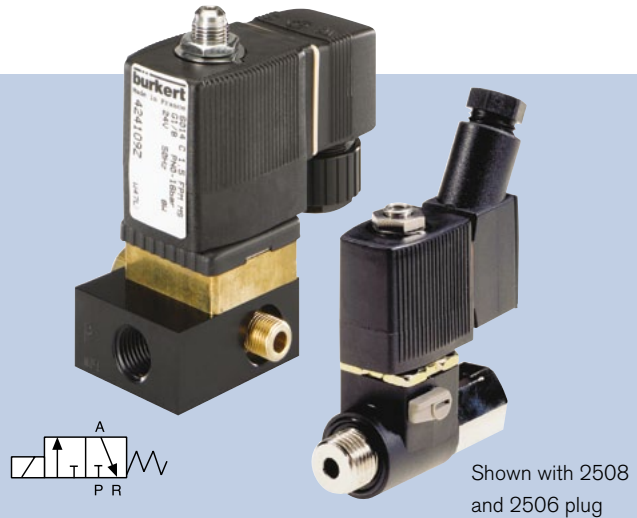


Direct Mounting Pilot for Bürkert Process Valves

6012 / 6014 Pilot

NPT 1/8" & NPT 1/4", 0-232 PSI

- Simple to connect to valve and air supply
- Low power
- Tough and reliable



Shown with 2508 and 2506 plug

Direct-acting 3/2 way normally closed solenoid valve is plunger operated and designed to fit simple and securely to Bürkert process valves. It is engineered for process compressed air.

Technical Data

	6012 P	6014 P
Pressure range	0-145 PSI, Max.	0-232 PSI, Max.
Temperature media	14 °F ... +212 °F	14 °F ... +212 °F
Ambient temperature	131 °F, Max.	131 °F, Max.
Body material	Polyamide	Brass and aluminum
Banjo bolt material	Brass, nickel plated	Brass, nickel plated
Seal material	NBR	FKM
Coil material	Polyamide	Polyamide
Power consumption	DC: 4 W, AC: 9 VA (inrush), 6 VA (hold)	DC: 2 W, AC: 11 VA (inrush), 6 VA (hold) or DC: 8 W, AC: 24 VA (inrush), 17 VA (hold)
Protection class	IP65	IP65, NEMA 4
Electrical Connection	2507 cable plug Form B	2508 cable plug Form A

Options

6012 P

- Normally open (function D)
- Cables plug with LED
- Cable plug with varistor
- 24 VAC and 240 VAC on request

6014 P

- Normally open (function D)
- Cables plug with LED
- Cable plug with varistor
- Hazardous area approvals

Envelope Dimensions [inch] (see datasheet for details)

2507 cable plug
Form B included
(see page 30)

2508 cable plug
Form A included
(see page 30)

Type 6012

Type 6014

Type	A	B	C
6012 P	2.24	0.79	3.15
6014 P	2.13	1.77	3.50

Ordering Chart

Connection Actuator/Air	Orifice [mm]	Cv	Pressure range [PSI]	Item no. Voltage/Frequency [V/Hz]	
				24 V DC	120 V/60 Hz
6012 P					
1/8" BSP / 1/4" NPT	1.2	1.7	0-145	552 275	552 277
1/4" BSP / 1/4" NPT				552 279	552 281
6014 P					
1/8" BSP / 1/4" NPT	1.6	0.08	0-230	429 142	429 144
1/4" BSP / 1/4" NPT	1.6	0.08	0-230	429 130	429 132
1/8" BSP / 1/4" NPT	2.0	0.13	0-140	429 146	429 148
1/4" BSP / 1/4" NPT	2.0	0.13	0-140	429 134	429 136