



3-Way Solenoid Valve

Direct Acting – Plunger Actuated

Burkert Model 6014

This compact solenoid valve is direct acting 3-Way (can also be used as 2-Way) plunger actuated solenoid valve. It does not require a minimum operating pressure and is not affected by the mounting position. Its construction provides long life and durability. The epoxy encapsulation efficiently dissipates heat, to suit continuous duty periods.

Features

- Short response time
- Compact design
- Wide pressure range
- Normally Open or Closed versions

Technical Data

Standard materials:

Body: Brass

Elastomers: NBR

Enclosure: Molded epoxy

Internals: Stainless Steel

Ports: 1/4", 1/8" NPT

Temperature:

Nominal ambient: 0.5 to 55°C; 33 to 131°F

Maximum fluid: 0 to 90°C; 32 to 194°F

Notes: Max. ambient temperature is determined under continuously energized conditions, and with max. fluid temperature.

Enclosure type:

One-piece molded epoxy

General purpose: IP 65 with DIN, cable plug

Electrical data:

Voltages:

{ac}: 24, 110, 220 (50Hz)

{ac}: 24, 120, 240 (60Hz)

{dc}: 24

Tolerance: +/-10%

Power consumption:

{ac}: 24 VA, inrush; 17 VA (8W), holding

{dc}: 8W

Hydraulic data:

Orifice DN	Pressure Range	
	Bar	psi
1.5	0-16	0-232
2.0	0-10	0-145

Circuit Functions:

