

Design:

2-way solenoid valve, direct acting.

Seal Materials and Fluids handled:

See table below.

Fluid and Ambient Temperature:

See table below.

Pressure Range:

Maximum inlet pressure see marking plate on valve.

Installation:

Before installing the valve ensure that piping etc. is free of foreign matter (metal shavings, pipe sealing materials, welding scale etc.). Installation as required but preferable with coil up-permost. Installation in this position tends to prevent foreign matter remaining in core tube (increased life). Do not put any loads on coil unit.

PTFE tape is recommended for sealing ports. Mounting is accomplished by means of four M4 x 8 mm tapped holes located on the valve underside.

Direction of flow (for normally closed/ Safety Shutoff Valves):

Letters on valve body indicate pressure (P) and outlet (A).

For normally open valve (not for Safety Shutoff Valves):

Letters on valve body indicate pressure (P) and outlet (B).

Marking (example):

Body Material

BR = Brass

SS = Stainless Steel

Seal Material

EPDM = EPDM

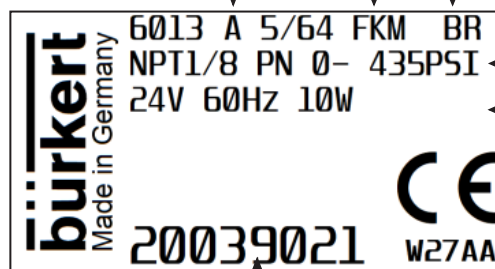
NBR = NBR

FKM = FKM

Circuit function

A = Normally closed

B = Normally opened



Item No.

Voltage / Frequency / Power Consumption

Maximum Pressure

Approvals

The valve is approved as General Purpose Valve or Safety Shutoff Valve. See marking on valve

| Temperature-/ fluid ratings General Purpose Valve | | | | | | | |
|---|------------------|-----------------------------|-------------------|---------------|---------------------|-----------------------|-----------------------|
| | Seal Designation | Seal Material | Fluid Temperature | | Ambient Temperature | | Fluids |
| | | | [°F] | [°C] | [°F] | [°C] | |
| Non-hazardous fluids | FF (IB46/IB76) | Low Temp. FKM | -40...+212 °F | -40...+100 °C | -40...+131 °F | -40...+55 °C | Air, inert gas |
| | FF | FKM | +14...+212 °F | -10...+100 °C | +14...+131 °F | -10...+55 °C | Air, inert gas |
| | | | +32...+212 °F | 0...+100 °C | +32...+131 °F | 0...+55 °C | Water |
| | AA | EPDM | -22...+212 °F | -30...+100 °C | -22...+131 °F | -30...+55 °C | Air, Inert Gas, Steam |
| | | | +32...+212 °F | 0...+100 °C | +32...+131 °F | 0...+55 °C | Water |
| | EG, EF | PTFE + Graphite, PTFE + FKM | -40...+266 °F | -40...+130 °C | -40...+131 °F | -40...+55 °C | Air, Inert Gas, Steam |
| +32...+212 °F | | | 0...+100 °C | +32...+131 °F | 0...+55 °C | Water | |
| BB | NBR | +14...+194 °F | -10...+90 °C | +14...+131 °F | -10...+55 °C | Air, Inert Gas, Steam | |
| | | +32...+194 °F | 0...+90 °C | +32...+131 °F | 0...+55 °C | Water | |
| Hazardous fluids | BB | NBR | +14...+194 °F | -10... +90 °C | +14...+131 °F | -10...+55 °C | No.2 Fuel Oil |
| | FF | FKM | +14...+248 °F | -10...+120 °C | +14...+131 °F | -10...+55 °C | |

| Temperture-/fluid ratings Safety Shutoff Valve | | | | | | | |
|--|------------------|---------------|-------------------|--------------|---------------------|--------------|--------------------------|
| | Seal Designation | Seal Material | Fluid Temperature | | Ambient Temperature | | Fluids |
| | | | [°F] | [°C] | [°F] | [°C] | |
| Hazardous fluids | FF | FKM | -4...+150 °F | -20...+66 °C | -4...+131 °F | -20...+55 °C | No. 2 Fuel Oil |
| | | | | | | | Diesel/Biodiesel (B6-20) |
| | | | | | | | Biodiesel (B99.9/B100) |

Address

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