

# Manually-Operated Valves

Manually-operated valves offer a **reliable** and **durable** system for opening and closing the circuit when the system has to be **switched frequently**. They provide a significant reduction in the time needed to work on pneumatic circuits.

## Product Advantages

### Manual Switch-Operated Valves

Downstream control supply provided by simply moving the lever  
 2 models available to provide the best solution for the system:

- 3/2: opening, closing, venting
- 2/2: opening, closing

Compact and ergonomic (can be positioned through 360°)  
 Push-in connections

### Valves with Sliding Sleeve

Uni-directional use ensures the downstream circuit is vented  
 Operated in the plane of the tube  
 Lightweight due to the use of aluminium  
 Ideal for complex installations in a restricted space  
 Immediate identification of the venting system by the colour (red)



**Applications**

Robotics  
 Conveyors  
 Textile  
 Plastics Engineering  
 Printing  
 Pneumatics  
 Packaging

## Technical Characteristics

|                            |   |
|----------------------------|---|
| <b>Compatible Fluids</b>   | Compressed air                              |
| <b>Working Pressure</b>    | 0 to 10 bar<br>Model 0669: 0 to 16 bar      |
| <b>Working Temperature</b> | -10°C to +80°C<br>Model 0669: -5°C to +70°C |

### Component Materials

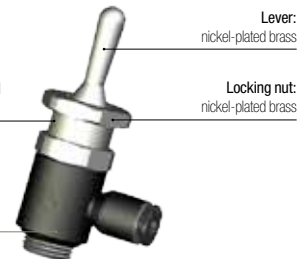
Seals: NBR

**Bolt:**

Manual switch-operated valve: nickel-plated brass with seal  
 Sleeve valve: nickel-plated brass

**Body:**

Manual switch-operated valve: technical polymer  
 Sleeve valve: nickel-plated brass



### Silicone-free

### Regulations

DI: 2002/95/EC (RoHS)  
 RG: 1907/2006 (REACH)  
 DI: 97/23/EC (PED)

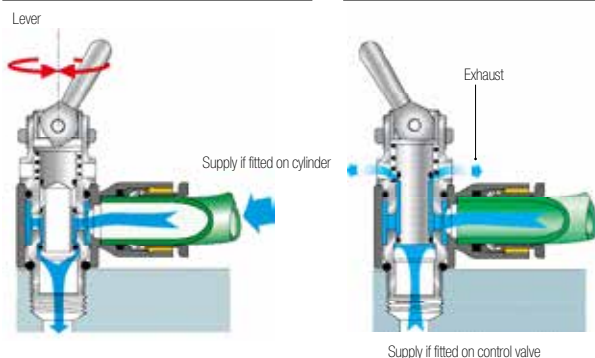
## Operation

### Switch-Operated Valves

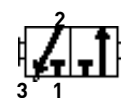


Open

Closed



### Sleeve Valves



Open: downstream supply

Closed: downstream exhaust

