The Claudius Peters Two-Way Valve is installed in pneumatic conveying pipelines for alternative feeding of two material conveying routes. The most striking feature of the two-way valve is its compact design. The drive is flanged directly to the shaft which allows for a most precise positioning of the valve disk. The Claudius Peters Two-Way Valve is designed for non-explosive and explosive bulk materials.

One basic device can be supplied with different drive variants such as:

- H (manual),
- P (pneumatic drive)
- M (motor actuator drive)

Advantages of Claudius Peters Two-Way Valve

- Feeding to two different conveying routes
- Low pressure loss
- Symmetric form
- Simple exchange of wear parts
- Long service life
- Compact design
- High positioning accuracy
- Simple installation
- Precise movement to the sealing position
- End positions of the valve disk are defined by the limit switches integrated in the drive
Two-Way Valve

Type MANUAL
Manually by lever

Type PNEU
Pneumatically by electro-pneumatic rotary vane drive

Type MOT
Motor-driven by actuator drive (incl. manual handwheel)

<table>
<thead>
<tr>
<th>Design</th>
<th>Non-explosive solids STANDARD TYPE</th>
<th>Explosive bulk solids PRESSURE SHOCK RESISTANT TYPE Directive 2014/34/EU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conveying pressure [bar(g)]</td>
<td>≤ 1.5</td>
<td>≤ 1.2</td>
</tr>
<tr>
<td>Atmospheric explosion overpressure of the bulk material [bar(g)]</td>
<td>-</td>
<td>≤ to 10</td>
</tr>
<tr>
<td>Temperature range of the bulk material [°C]</td>
<td>-40 ... +150</td>
<td>-10...+100</td>
</tr>
</tbody>
</table>

Intelligent maintenance concept
- For dismantling of the wear plate and the valve disk, the housing can be opened and swung to the side
- Automatic lubrication of the rotary shaft
- For cleaning of the valve as well as for checking of the wear plate and the valve disk, the housing is equipped with a handhole cover