### coaxial valve

**type** MK 10 DR

<table>
<thead>
<tr>
<th>3/2 way valve</th>
<th>direct acting</th>
</tr>
</thead>
<tbody>
<tr>
<td>pressure range</td>
<td>PN 0-25 bar</td>
</tr>
<tr>
<td>orifice</td>
<td>DN 10 mm</td>
</tr>
<tr>
<td>function</td>
<td>normally closed (A ▶ B) symbol NC</td>
</tr>
<tr>
<td></td>
<td>normally open (A ▶ B) symbol NO</td>
</tr>
</tbody>
</table>

**body materials**
- pressure balanced, with spring return, switching overlap
- brass
- brass, nickel plated
- stainless steel
- synthetic resin on metal

**valve seat seal materials**
- NBR
- FPM, CR, EPDM

### general specifications

<table>
<thead>
<tr>
<th>options</th>
<th>ports</th>
<th>function</th>
<th>pressure range</th>
<th>Kv value</th>
<th>vacuum</th>
<th>media</th>
<th>abrasive media damping</th>
<th>flow direction switching cycles</th>
<th>switching time</th>
<th>media temperature</th>
<th>limit switches</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MK</td>
<td>NC</td>
<td>Bar 0-16 / 0-25</td>
<td>2.8</td>
<td>upon request</td>
<td>gaseous - liquid - contaminated</td>
<td>see pressure range</td>
<td>1/min 200</td>
<td>°C DC: -10 to +80</td>
<td>LR/GL/WAZ</td>
<td>Kg MK 2,2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NO</td>
<td>Bar 0-16 / 0-25</td>
<td></td>
<td>upon request</td>
<td>gaseous - liquid - contaminated</td>
<td>see pressure range</td>
<td>1/min 200</td>
<td>°C AC: -10 to +80</td>
<td>mounting brackets</td>
<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>Bar 0-16 / 0-25</td>
<td></td>
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</table>

**electrical specifications**

<table>
<thead>
<tr>
<th>options</th>
<th>nominal voltage</th>
<th>actuation</th>
<th>insulating rating</th>
<th>connection</th>
<th>protection</th>
<th>energized duty rating</th>
<th>current consumption</th>
<th>explosion proof</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>U1: DC 24 V</td>
<td>AC 230 V 40-60 Hz</td>
<td>180°C</td>
<td>plug acc. DIN EN 175301-803</td>
<td>IP65</td>
<td>100%</td>
<td>DC 24 V 1,00 A</td>
<td>AC 230 V 40-60 Hz 0,13 A</td>
</tr>
<tr>
<td></td>
<td>U1: AC 230 V 40-60 Hz</td>
<td>AC 230 V 40-60 Hz</td>
<td></td>
<td>form A, 4 positions x90° / wire diameter 6-8 mm</td>
<td></td>
<td></td>
<td>AC 230 V 40-60 Hz 0,16 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>AC 230 V 40-60 Hz</td>
<td></td>
<td>terminal box M16x1,5</td>
<td></td>
<td></td>
<td>AC 230 V 40-60 Hz 0,16 A</td>
<td></td>
</tr>
</tbody>
</table>

**optional additional equipment**

<table>
<thead>
<tr>
<th>Rcoil</th>
<th>Hcoil</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC 24 V 1,00 A</td>
<td>AC 230 V 40-60 Hz 0,13 A</td>
</tr>
<tr>
<td>DC 230 V 40-60 Hz 0,13 A</td>
<td>DC 24 V 1,29 A</td>
</tr>
</tbody>
</table>

**limit switches**
type **MK 10 DR**

function: **NC**

closed when not energized (A ➔ B)

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type **MK 10 DR**

function: **NO**

open when not energized (A ➔ B)