The 880 series is a multi-valve with 2/2 function in NC (normally closed). Two integrated valve rockers in one compact body, combined with the Speed-Up control technique, enable a high flow capacity of 300 l/min., switching times from < 2 ms and a frequency of up to 450 Hz.

Optionally there is a miniature controller, which is integrated directly on the valve. In this version the Speed-Up technology can be operated with a standard 24 V signal without separate requirements or adaptations to existing controllers.

Depending on the version, the two integrated valve rockers can be switched together or separately, in order to switch 50% or 100% of the flow capacity. The 880 series is available as individual valve as well as manifold mounting valve.

### Technical data

<table>
<thead>
<tr>
<th></th>
<th>KK</th>
<th>XX</th>
<th>WW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switching time opening*</td>
<td>&lt;2 ms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switching time closing*</td>
<td>&lt;2 ms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum frequency</td>
<td>350 Hz</td>
<td>450 Hz</td>
<td>350 Hz</td>
</tr>
<tr>
<td>Weight</td>
<td>from 80 g</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protection class</td>
<td>IP62 – IP65</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Varies with the working pressure

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Outlets</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Flow rate</td>
<td>430 l/min.</td>
<td></td>
</tr>
<tr>
<td>Function</td>
<td>2/2 way in NC</td>
<td></td>
</tr>
<tr>
<td>Pressure range</td>
<td>between 0-8 bar</td>
<td></td>
</tr>
</tbody>
</table>

### Possible function

<table>
<thead>
<tr>
<th></th>
<th>2/2</th>
<th>NC</th>
</tr>
</thead>
</table>

### Possible control

Direct / PWM / PFM / PNM / Combination

Information, see Page 5

Section: Type 2/2 NC

We reserve the right to make design, dimensional and specification changes without notice.
Ordering code

D
Version
- Base NBR (Standard)
- D For manifold / NBR
- H HNBR
- J For manifold / HNBR

R
Flow rate
- R 300 l/min.
- O 350 l/min.
- X 430 l/min.

1
Outlets
- 1 1 Outlet

1
Electrical number of controls
- 1 1 Signal
- 2 2 Signals

D R X 8 8 1 . 1 0 4 C 2 KK

0
Electrical connection
- 0 0.5 m integrated cable, IP62
- E M6 socket, IP65

4
Pressure range
- 0 2-8 bar
- 3 0-8 bar (only with WW or XX)
- 4 0-8 bar

C
Valve function
- C NC – normally closed

2
Pneumatic ways
- 2 2/2

KK
Operating voltage
- ‡ KK 24/5 VDC
- ‡ XX 24/5 VDC
- ‡ WW 24 VDC
- ‡ YY 24 VDC & 5-24 V switching signal

(1) without thread and plug-in connections
(2) Enables switching of 50% or 100% of the flow capacity
(3) Only available with WW or XX voltage
(4) Requires a Speed-Up Control (see intro pages)
(5) 1x 24 VDC supply voltage & 1x 5-24 V switching signal (e.g., PLC)

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880 SERIES | MULTI-VALVE 2/2 • NC

Drawings and connections

Manifold mounting version

Standard version

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Product examples and special solutions