Technical data:

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>max. CO2-bottle size</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK10.3</td>
<td>350mm</td>
<td>200mm</td>
<td>130mm</td>
<td>150g</td>
</tr>
<tr>
<td>AK10.5</td>
<td>500mm</td>
<td>200mm</td>
<td>130mm</td>
<td>500g</td>
</tr>
<tr>
<td>AK10.7</td>
<td>650mm</td>
<td>200mm</td>
<td>130mm</td>
<td>750g</td>
</tr>
<tr>
<td>AK10.9</td>
<td>700mm</td>
<td>220mm</td>
<td>170mm</td>
<td>1500g</td>
</tr>
</tbody>
</table>

Ordering designation:

AK 1 0 . x - yy - ... - R

Connection diagram solenoid:

- HA = manual OPEN
- HEA = manual electric OPEN
- HPA = manual pneumatic OPEN
- HEPA = manual electric pneumatic OPEN

Colour (RT=red, OR=orange)

Bracket for spare bottles

Box height

Number CO2 bottles CLOSE

Number CO2 bottles OPEN

Alarm box

Connection diagram solenoid:

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Assembly of the box:
1) Join the respective connections.
2) When using CO2 one-way bottles, mount the valve as per drawing (bottle screwed in from the top, i.e. liquid gas discharge).
3) We recommend using CO2 bottles according to Drawing No.: 03.023.01.x and point out that the VdS recognition is only valid with these bottles.

Connections:
CA ... cylinder OPEN
PA ... Pneumatic triggering (only with Option HPA / HEPA)

Description of operation:
The triggering command results in that the gas contained in the CO2 bottle is released.
Types of triggering:
1) Manual triggering by pressing the black button
2) Electric triggering by applying the rated voltage to the solenoid (only with Option HEA / HEPA)
3) Pneumatic triggering by applying the triggering pressure to the connection PA (only with Option HPA / HEPA)

Triggering:
1) Manual triggering: deeply press black button
2) Electric triggering via the solenoid
3) Pneumatic triggering via pneumatic attachment part

Commissioning:
1) Remove clamping angle from the bracket in the box.
2) Hook clamping angle into the recess provided (see Picture A).
3) Place clamping bolt onto the piercing bolt in the valve.
4) Press clamping angle down fully until the piercing bolt engages.
5) Check if the piercing needle is located behind the piercing surface of the bottle screw-in thread!
6) Lightly grease O-ring in the bottle screw-in thread.
7) Check position of the view indicator. View indicator must be on green, if not, press view indicator angle to the valve until view indicator is green! (see Picture B).
8) Screw in new CO2 bottle, replace glass pane and close the box.
9) Following triggering, remove empty CO2 bottle (Caution: Residual pressure may be present) and repeat the process.