

## Dispense and Fill Heads with Limit Switch Types: DBK / RBK / JBK / ABK

**THE SMART HANDLING  
OF LIQUID CHEMICALS**  
Quickly Connected. Safely Dispensed.  
U.S. Patents 6,357,494; 9,580,197



Dispense and Fill Heads with built-in limit switch to signal the correct coupling with the dip-tube.

### Features:

- Flexible applications:
  - a.) Signal of secure and tight connection after coupling.
  - b.) Process control using switching operation.
- Integrated limit switch.
- No wetted metal parts.
- No complex photo-electric barriers needed.

### Technical Specifications

<b>QC-Series</b>	<ul style="list-style-type: none"> <li>• QC2</li> <li>• G-Series</li> </ul>
<b>Materials (housing)</b>	<ul style="list-style-type: none"> <li>• HDPE</li> <li>• PVDF</li> </ul>
<b>O-ring</b>	<ul style="list-style-type: none"> <li>• Perfluorelastomer (Kalrez®)</li> <li>• FPM, EPDM</li> </ul>
<b>Liquid port connection</b>	<ul style="list-style-type: none"> <li>• Flare 1/2" - 3/8" - 3/4" - 1"</li> <li>• Hose connections</li> <li>• Threads (e.g. NPT or G) 1/2" - 3/4" - 1"</li> </ul>
<b>Vent connection</b>	<ul style="list-style-type: none"> <li>• NPT 1/4" female, available with different fitting connections</li> </ul>
<b>Connection type</b>	• Cable, 2.00 m, PUR
<b>Switching output</b>	• PNP Normally open (NO)
<b>Rated operating voltage U<sub>e</sub> DC</b>	• 24 V
<b>Rated operating current I<sub>e</sub> DC</b>	• 200 mA
<b>Switching frequency</b>	• 3000 Hz
<b>Order No. (example Dispense)</b>	• DH-DBK-PE-012-F1/2"-F1/4"

- Detailed information upon request
- Versions for EX-areas upon request

\* This data sheet is valid for models with a manufacturing date after July 2017 (07/17). For models with a earlier manufacturing date please contact our technical sales department.

Fig.: QC2 Dispense Head with Limit Switch and Vent Fitting Flare elbow 90°

Available for types: DBK / RBK / JBK / ABK



#### REMARK:

- All wetted components are HDPE (optional: PVDF), PVDF, PCTFE with O-ring seals of Kalrez®. Non-wetted components are PVC and Viton.
- Kalrez® is a registered trademark of DuPont Co.

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