

Dispense and Fill Heads with Limit Switch

Types: DBK / RBK / JBK / ABK U.S. Patents 6,357,494; 9,580,197



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.

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

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

