









Level Switch KFK-E

- Adjustable flange
- Surge protection
- Potential-free contacts with changeover function
- Contacts with heavy load carrying capacity
- Various float versions available

Application:

For the detection of liquides level in reservoirs.

Function:

In a slide pipe there are one or two Reed contacts enclosed. Depending on the filling level, a floating body fitted with a permanent magnet moves along the slide pipe. When approaching the Reed contact, the magnet switches it contactless.

The KFK series is provided with a surge protection preventing the float from being affected by any streams.

The entire level switch is kept in position by means of an adjustable flange. After loosening the clamping sleeve, the switch can be adjusted in height.

General Technical Data:

Operating pressure at max.:

With float B 1 bar With float C 1 bar

Temperature range:

 $\begin{array}{lll} \mbox{With float B:} & -20... + 130 \ \mbox{°C} \\ \mbox{With float C:} & -20... + 80 \ \mbox{°C} \\ \mbox{Insertion position:} & \mbox{vertically} \ \pm 20 \ \mbox{°} \end{array}$

Material:

Pipe ø 10: Cu-alloy Pipe ø 60: Cu-alloy Float B: 1.4571 PUR-high-Float C: resistance foam Flange: Al alloy Sealing: Abil Protection system: **IP 65** Weight at L1 = 300: 1,4 kg

Technical Data - Reed-Contacts:

Switching voltage: 10...230 VUC
Switching current at max.: 1,0 A
Switching power at max.: 40/60 W/VA

For inductive an capacitive loads, suppressor circuits shall be provided for. (Diode, RC element, varistor)

EUGEN WOERNER GmbH & Co. KG
Postfach 1661 DE-97866 Wertheim
Am Eichamt 8 DE-97877 Wertheim
Tel. +49 (0) 9342 803-0 info@woerner.de
Fax.+49 (0) 9342 803-202 www.woerner.de

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