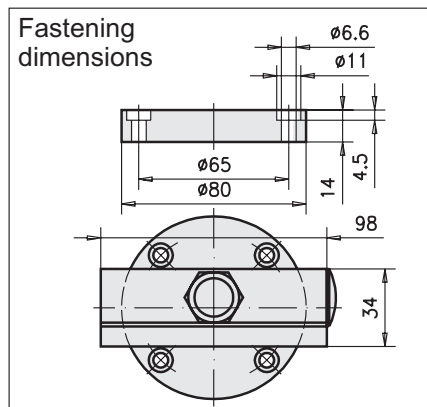
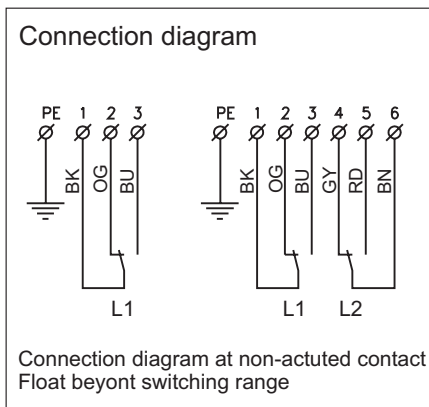
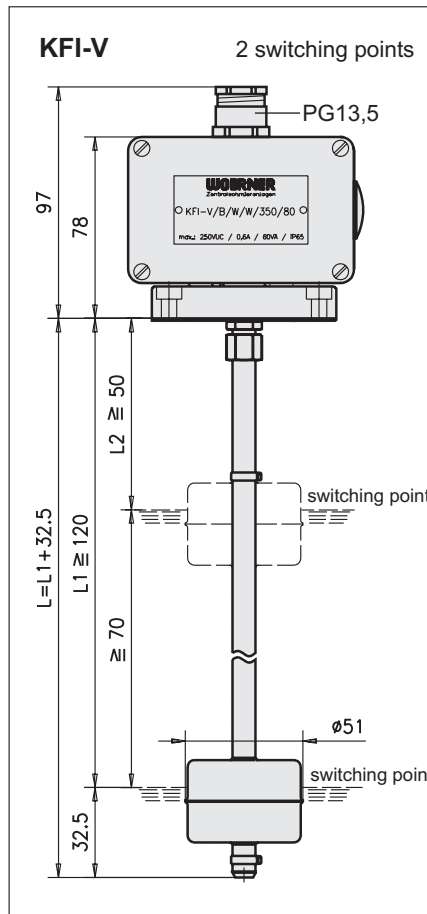
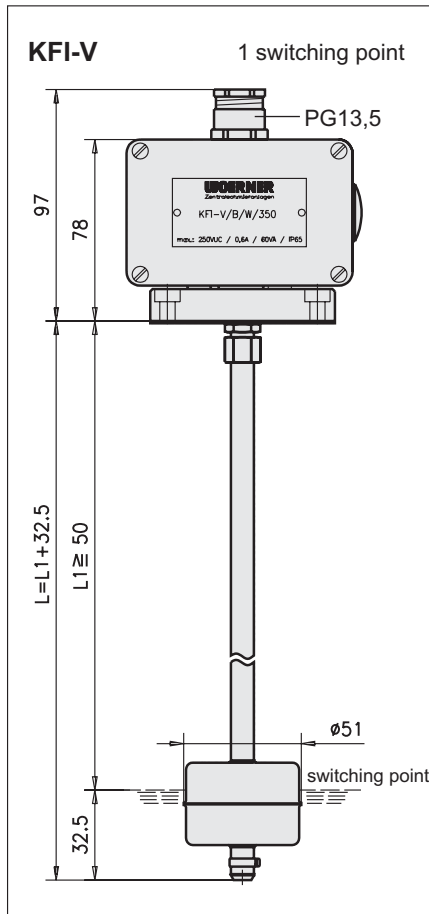




- Subject to modifications -



**Level switch
KFI-V**

- **Stainless steel version 1.4571**
- **Potential-free contacts with changeover function**
- **Contacts can sustain heavy loads**
- **Big terminal box**

Application:
Registration of liquid levels in reservoirs.

Function:
One or two Reed contacts are integrally cast in a sliding tube. A float with a permanent solenoid moves along the sliding tube to match the filling level. When the solenoid approaches the Reed contact the latter is operated without contact.

With the type range KFI changeover contacts are used. In the respective switching positions the rising of the float is prevented by means of adjusting rings. The terminal box has two displaced cable entries. Instead of cable unions plug-and socket connections can be screwed in as well (see accessories).

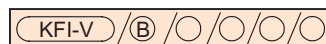
Technical Data:
 Operating pressure max.: 10 bar
 Ambient temperature max.: 90°C
 Media temperature max.: 130°C
 Mounting position: vertically $\pm 20^\circ$
 Material:
 Float, sliding tube and flange: 1.4571
 Terminal box: cast aluminium GD-AlSi12
 Protection type: IP 65
 Weight at L1=300: 1,0 kg

Technical Data - Reed Contact:
 Switching voltage: 10...230 VUC
 Switching current max.: 1,0 A
 Switching capacity max.: 40/60W/VA

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

Order designation

Level switch



Switching functions		Switching measure	
L1	L2	L1 [mm]	L2 [mm]
lower switching point	upper switching point		
DT-switch (changeover switch) (W)	without (X) DT-switch (changeover switch) (W)		Not applicable at one switching point

KFI-V

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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