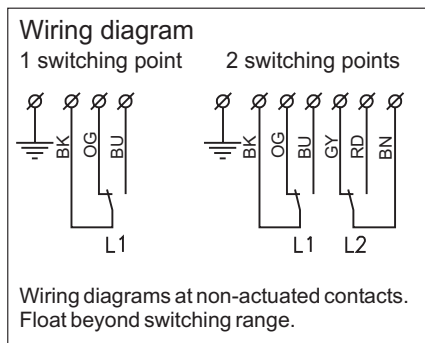
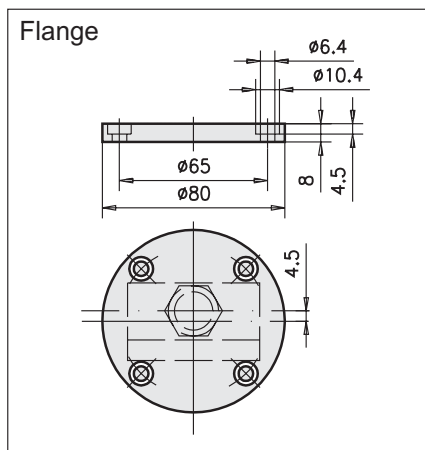
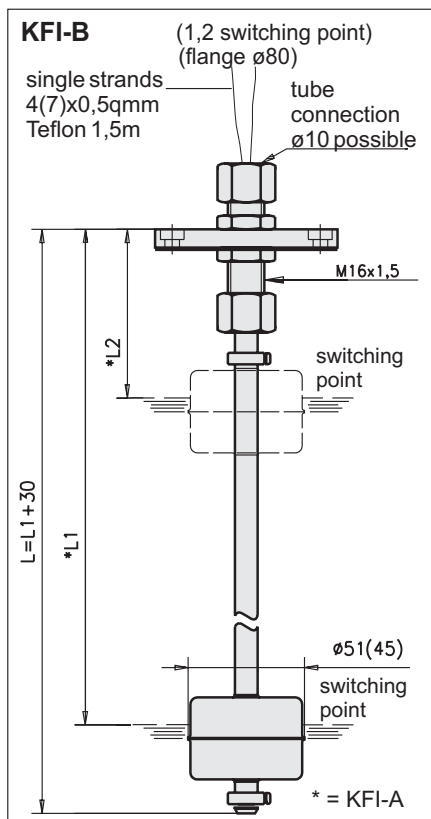
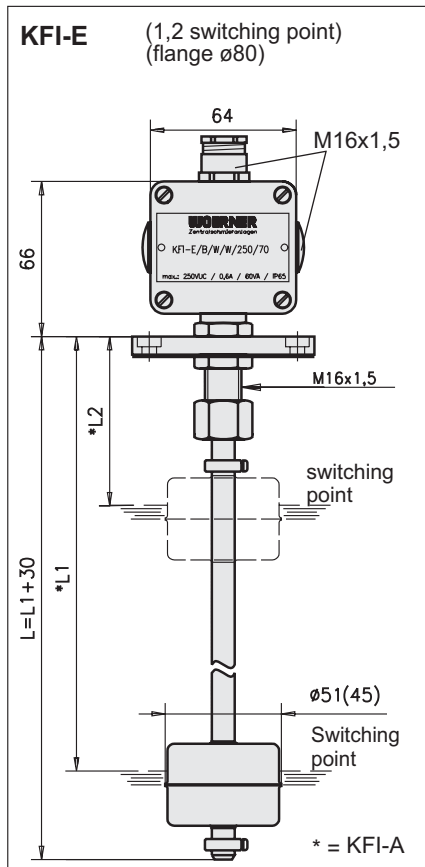
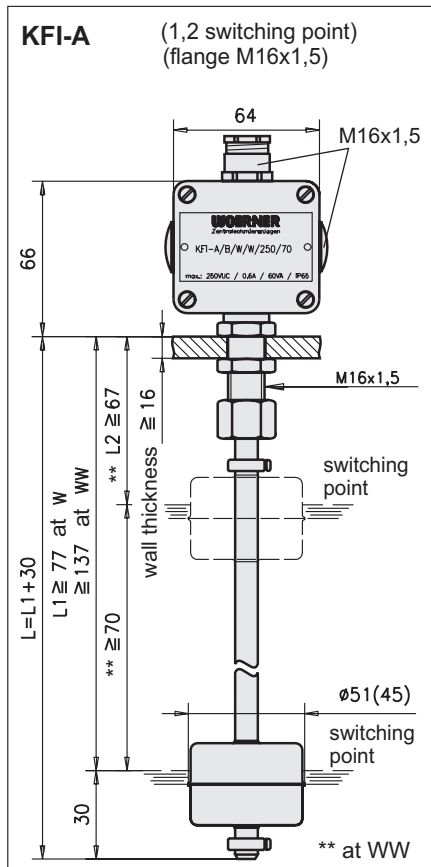




- Subject to modifications -



**Level Switch
KFI-**

- Many mounting variants
- Potential-free contacts with changeover function (changeover switch)
- Contacts can sustain heavy loads
- Various float types

Application:
Registration of liquid levels in reservoirs.

Function:
One or max. 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.

Two float types are available; a hollow float of stainless steel and a foamed float of polyurethane (see order designation). The versions including terminal box have up to three displaced cable entries. Instead of cable unions plug-and-socket connections can be screwed in as well (see accessories).

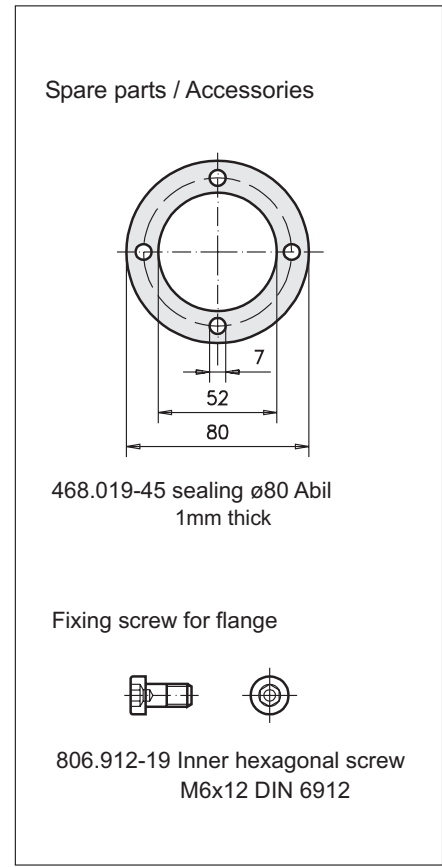
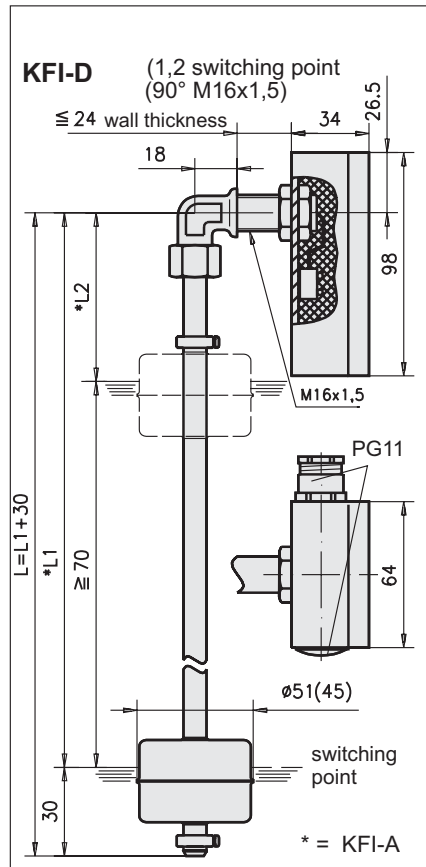
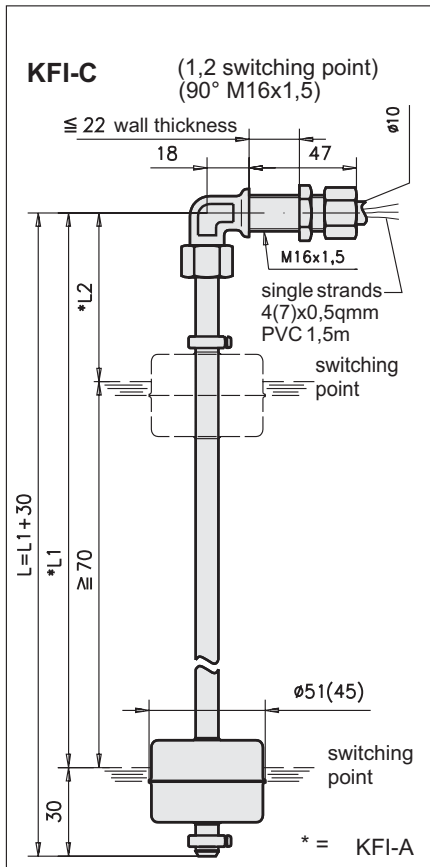
Technical Data - General:

Operating pressure max.:	
Float type B:	4 bar
Float type C:	1 bar
Temperature range:	
Float type B:	-20... +130 °C
Float type C:	-20... +80 °C
Mounting position:	vertical $\pm 20^\circ$
Material:	
Sliding tube:	copper alloy
Float type B:	1.4571
Float type C:	polyurethane
Flange:	aluminium alloy
Seal:	Abil
Protection type:	IP 65
Wight at L1 = 300:	0,3 kg

Technical Data - Reed contacts:

Switching voltage:	10...230 VUC
Switching current max.:	1,0 A
Switching capacity max.:	40/60 WVA

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



- Subject to modifications -

Order Designation:

Level switch



Mounting variants	Float	Switching function		Switching length		Plug-and-socket connection if you need - not for KFI-B/KFI-C
		L1 lower switching point	L2 upper switching point	L1[mm]	L2[mm]	
Terminal box mounting M16x1,5 (A)	Stainless steel $\varnothing 51$ (B)	DT-switch (changeover switch) (W)	not possible (X)		only for p.a.s. connection (X)	476.597-60 1W DBL-version (Z4)
Lines flange $\varnothing 80$ (B)	Polyurethane $\varnothing 45$ (C)		D.T.switch (W)	state in the order		
Terminal box flange $\varnothing 80$ (E)		476.559-65 2W without cable connector (Z2)				
Lines 90° M16x1,5 (C)		476.636-60 2W (Z3)				
Terminal box 90° M16x1,5 (D)						476.461-60 2W DBL-version (Z5)