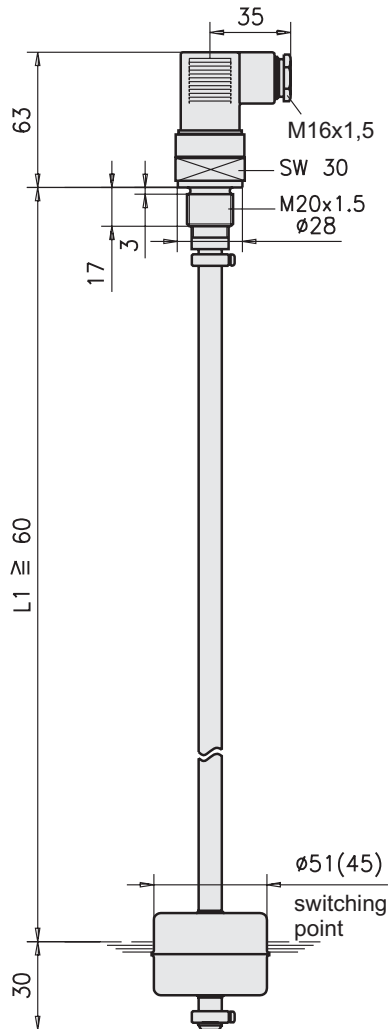


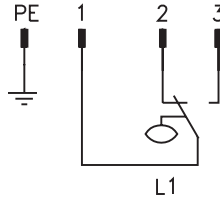


KFI-I (Flange M20x1,5)



Connection diagram
Plug-and-socket connection DIN 43650

1 Contact changeover



Wiring diagram at non-actuated contacts.
Float beyond switching range.

Level Switch
KFI-I

- Potential-free contacts
- Plug and socket connection
DIN 43650

Application:
Registration of liquid levels in reservoirs

Function:
One Reed contact is 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. In the respective switching position the rising of the float is prevented by means of safety rings.

Technical Data - General:

Operating pressure max.:
with Float B 4 bar
with Float C 1 bar
Temperature range: -20...+ 80 °C
Mounting position: vertical ± 20 °
Material:
Tube: copper alloy
Float B: 1.4571
Float C: PUR-polyurethan
Protection type: IP 65
Weight at L1 = 300 0,22 kg

Technical Data - Reed-contact:

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

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

- Subject to modifications -

Order designation:

Level switch



Float	Switching function	Switching length L1 [mm]
Stainless steel ø51 (B) PUR-polyurethane ø45 (C)	D.T-switch (changeover) (W)	state in the order