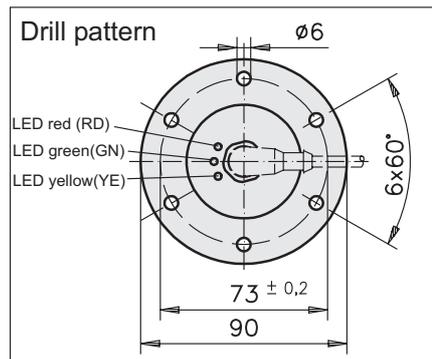
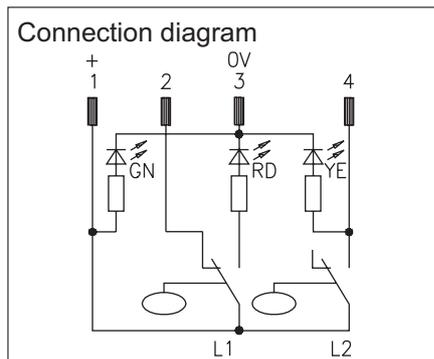
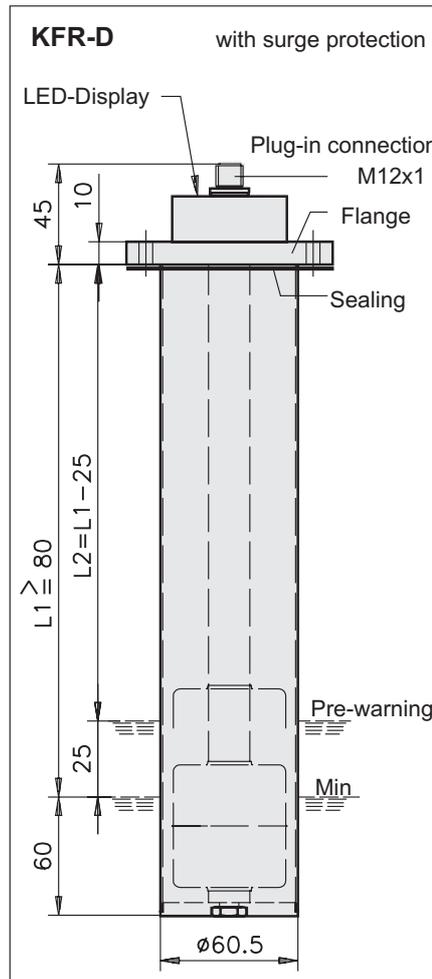
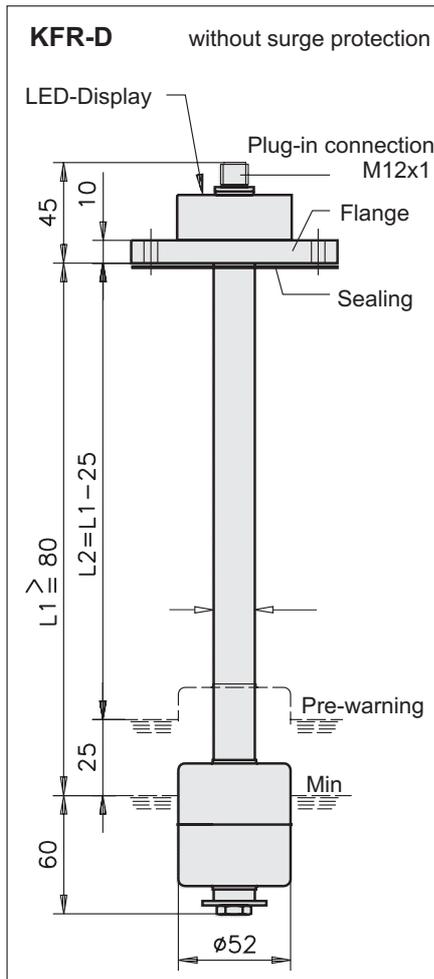




- Subject to modifications -



### Level switch KFR-D

- Plug-in connection M12x1, 4pol. for sensors.
- Internal switching state display.
- Protection class II (protection insulated)
- Two 25mm difference switching points for pre-warning and disconnection.

#### Application:

For the detection of liquid levels in reservoirs.

#### Function:

In the lower end of the conductor pipe there are two Reed contacts having a difference distance of 25mm for pre-warning and disconnection. The switching function is bistable.

The switching functions are shown via LEDs being integrated into the receptacle.

- LED green = voltage supply
- LED yellow = pre-warning switching point L2
- LED red = minimum level switching point L1

#### Technical Data - General:

Operating pressure max: 10 bar  
 Temperature range: 0...90 °C  
 Mounting position: vertical ± 20 °  
 Material:

Internal pipe D 18: CU-alloy  
 External pipe D 60: Al-alloy  
 Flange: Al-alloy  
 Float: 1.4571  
 Sealing: Abil  
 Protection type: IP 65  
 Protection class: II (protection insulated)  
 Plug-in connection: M12x1, 4pol.  
 Flange: Drill pattern at DIN 24557 part 2  
 Weight at L1 = 300: 0,45 kg

#### Technical Data - Reed Contacts:

Switching voltage: 18...30 VDC  
 Switching current max.: 1 A  
 Switching power max.: 40/60 W/VA

#### Order designation:

Level switch KFR-D / ○ / ○ / ○ / ○

Float	Surge protection	L1 [mm]	Differential measure L1 to L2
Stainless steel (B)	without (N)	state in the order	25 mm (25)
	with (M)	155	
	286		

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