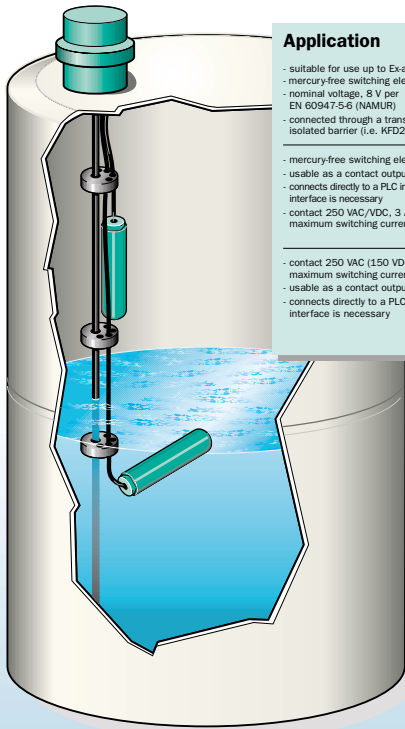


# Pepperl+Fuchs offers a wide range of float switches:



## Application

- suitable for use up to Ex-area zone 1
- mercury-free switching element
- nominal voltage: 3 V per EN 60947-5-6 (NAMUR)
- connected through a transformer isolated barrier (i.e. KFD2-SR...)
- mercury-free switching element
- usable as a contact output
- connects directly to a PLC input, no interface is necessary
- contact 250 VAC/VDC, 3 A maximum switching current
- contact 250 VAC (150 VDC), 4 A maximum switching current
- usable as a contact output
- connects directly to a PLC input, no interface is necessary

## Design

- 1 Proximity switch**
- 2 Micro switch**
- 3 Mercury switching contact**

## Float type

- CK Cylinder Type**
  - for small mounting diameters
  - mounting through G1 hole
- BK Ball type**
  - high buoyancy for fluids with low density

## Electrical Design

- with switching element 1 proximity switch
- per 2-wire EN 60947-5-6 (NAMUR)**
- connected with a transformer isolated barrier suitable for use in Ex-area zone 1
- Normally open contact**
- Normally closed contact**
- for DC applications 6 V DC ... 60 V DC
- Normally open contact**
- Normally closed contact**
- for AC applications 250 V AC
- with switching element 2 Micro switch or switching element 3 Mercury switching contact
- AC, DC**
- for AC and DC applications
- 250 V AC/150 V DC

Your Order Number:

LFL

## Cable Housing Material

- PVC** - resists waste water and aggressive liquids
- PUR** - resists fuel and greasy liquids
- CSM** - resists most acids and lyes

## Cable length

- 3** - 3 meters
- 5** - 5 meters
- 10** - 10 meters

## Pepperl+Fuchs Level Control Products

Pepperl+Fuchs offers a wide range of level control products with hydrostatic pressure sensors, magnet-operated immersion probes, pipeline probes, conductive probes, vibration forks, float switches and electrodes for field measurements. Our selection of level control devices offers a solution for all your measurement requirements.

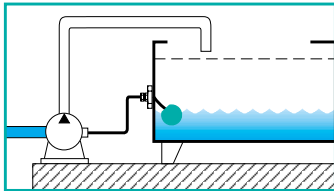
## Float Switches – Simple and Economical

Float switches are one of the most reliable and economical methods for monitoring simple level control applications.

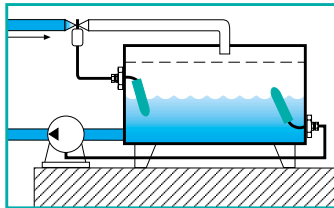
## Quality and Standards

All products comply with national (DIN) an international (EN; IEC) standards. Our ISO 9001 quality assurance system insures product quality.

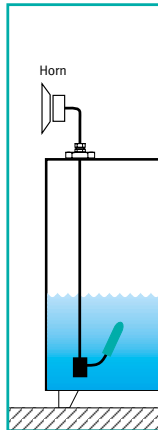
## APPLICATIONS



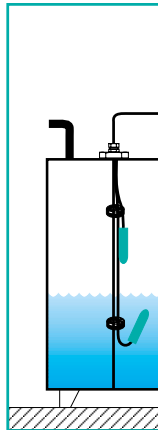
Controls pumps or valves with one float switch



min./max. limit control



Alarms



Controls pumps or valve with float switches

## ACCESSORIES

### Accessories float switches

#### Cable gland:



Thread	Material	Order-No.
G1A	PVC	LFLZ 131
G1A	brass	LFLZ 132
G2A	PVC	LFLZ 161

#### Lock nut:

G1A	PVC	LFLZ 231
for G2		LFLZ 32

#### Counterweight:

### Additional Accessories

Pepperl+Fuchs offers signal conditioners, transformer isolated barriers, displays, connection boxes and a variety of special cables.

For a complete listing of our accessories, refer to our catalog "Field Devices for Process Automation" or our CD-ROM.

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# PROCESS AUTOMATION

## PRODUCT OVERVIEW FLOAT SWITCHES



 **PEPPERL+FUCHS**

