

# Pendulum level indicator



PF

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..... PF ..... Level indicator for vertical mounting .....



## Use

Full indicator for powdery, granulated and grainy bulk goods with a max. grain size up to 100 mm and a bulk weight from 0.3 t/m<sup>3</sup> ... 3.0 t/m<sup>3</sup>.

Preferred for mechanically filled silos and containers, for example with screw conveyors, feeders, elevators etc.

## Function principle

The bulk goods, being dumped beside the pendulum, are moving the pendulum more and more aside, as the filling level increases. This movement activates the switch for the full indication. When the filling level falls, the pendulum moves back in the vertical position and the switch will be disengaged.

**Suitable for all industrial fields.**

## ..... Technical data .....

### Materials

- ▶ housing aluminium
- ▶ sealing and anti-buckling protection NBR
- ▶ pendulum rod and cone aluminium or stainless steel

### Signal contact

change-over contact, potentialfree

### Capacity of the contact

4 A / 250 V AC

### Ambient temperature

-20 °C ≤ Ta ≤ +70 °C

### Bulk temperature

-25 °C ≤ Ta ≤ +80 °C

### Type of protection

IP66

### Maintenance

none

## ..... ATEX-Options .....

### Ex types of protection

- ⚠ II 1/2D Ex ta/tb IIIC T80°C
- ⚠ II 2G Ex ib IIB T6

## ..... Function .....

