



Electrical Characteristics

- Switchable power in DC 60 W
- Switchable power in AC 80 VA
- Current intensity in DC or AC 1.3/2A
- Voltage 250 V switchable
- Frequency 50 Hz
- Capacity of open contacts 4pF
- Insulation resistance minimum $10^{11}\Omega$
- Rhodium REED contacts
- SPDT switch REED contacts
- Temperature range -20° to $+100^{\circ}\text{C}$
- For inductive circuits, use protective circuits.

Flame Proof Head

- Rated voltage: 380 - 1000V ac
- Rated current: 16A
- Rated frequency: 50/60 Hz
- Terminal section 4 - 6 mm
- Protection IP66

Duty

Connecting head made in cast steel according to European standards EN 50014, EN 50018 EEX DII CT 6 [zone 1](alternative specification available on request) as covered by certificates CESI AD 82.072. Suitable for hazardous environments where the saturation of gaseous vapours or substances that combine in air are liable to cause explosions. i.e. in the chemical, pharmaceutical or dye industries, oil rigs, etc.

Operation

When the float meets the REED switch incorporated in the tube at the predefined distance, the contacts controlled by the magnet contained in the float open or close and can thus send a remote signal in the form of a light or audible alarm, or can switch off any connected electrical equipment.

Fitting

The gauge must be fitted vertically in a 1" BSPP threaded hole. The float must be at least 35 mm away from any ferrous surfaces eg. tank walls.

Availability

Dimension A - 100/200/300/400/500

For special sizes, the gauges can be made to order with the same characteristics as the standard range.

Note

To change the contact from NC to NO, simply remove the bottom stop and invert the float. Check the distance from ferrous bodies, which must not be less than 35 mm. Service temperature of electrical level gauge -20°C to $+100^{\circ}\text{C}$.

Cable inlets must be in accordance with standards DENELEC 50014 - EN50018.

