



USE:

The float level IEXD are built in accordance with the ATEX Directive (2014/34/EU) for use in the control of different levels of a liquid in a tank located in a generic environment where there is an explosive atmosphere for a long period, consisting of a mixture with air or flammable substances in the form of gas, vapor or mist (zone 0 - ref. EN 60079-10). The level switches IEXD are marked

OPERATION:

The level switches are based on the interaction between magnetic field and a reed switch, with a single contact for each level of the liquid to be monitored: when the float of the indicator meet the Reed switch incorporated in the tube at the pre-established distances, the contact activated by the magnet housed in the float opens or closes, thus obtaining the possibility of sending a luminous or acoustic signal or disconnecting any electronic device connected to it.

The changeover takes place without direct contact between the reed and the liquid.

FITTING:

The indicator must be fitted in the vertical position, and the float must be at least 35mm from ferrous surfaces (walls, tanks, etc.). A gasket (flat or toroidal) guarantees from leakage through the hole of the level indicator

POSSIBILITY:

These level switches allow you to stay bimentallic thermostat or an PT100 in order to monitor, discretely and continuously, the temperature reached by the liquid inside the tank.

