

Electromagnetic level indicators F.Ili Giacomello with expansion connection

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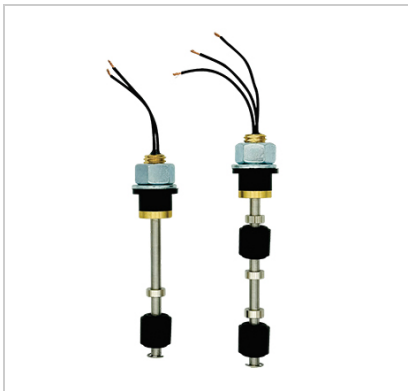
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F.Ili Giacomello presents its latest cutting-edge solution to monitor and control liquid levels, the IEG-E23, **electromagnetic level indicators** with one or two contacts with **Ø 23 expansion connection product**, designed to meet emerging market needs and **ensure efficiency and precision**.

The level indicator is built to **guarantee the minimum or maximum level of liquids** in tanks with maximum safety, hydraulic power units containing **mineral oils with a viscosity not exceeding 220 cSt**; the product is also suitable for diesel and other non-corrosive and flammable liquids, and is designed to have **connections for the automotive environment**.



The IEG-E23 level indicator has a very simple working principle. When the indicator float in its travel meets the **built-in Reed switch** at the pre-established point, the contact, triggered by the magnet

housed in the float, opens or closes, thus having the possibility of **remotely sending a signal of luminous or acoustic warning** or activate or interrupt any electrical equipment connected to it.

The real innovation is the **expansion connection**: the connection on the tank is pressurized. There is a gasket which, when the nut is tightened, compresses, expands and **allows locking without screws**. All it takes is a hole, even just a perforated sheet of metal, and it stops.

The indicator must be **mounted in a vertical position**, on a Ø23mm hole; the seal is guaranteed by an **NBR expansion gasket**. The float must be at least 35 mm away from ferrous surfaces (walls, tank, etc.).