

Application Area	Industry, Chemical Industry, Petrochemical Industry
Resolution	0.1 mm
Max. Mounting Length	400 mm
Min. Mounting Length	200 mm

IT-6000-Ea transmitters provide a reliable option for level supervision in tanks or containers containing aggressive liquids. The transmitters are normally used in accordance with customer specifications and requirements for use periods for many years in a wide range of applications connected to the industrial and chemical sector, and in many special applications.

The float is filled with magnetic iron, and works by moving with the level of medium liquid located in the sensing tube. The transmitter operates in accordance with the principle of voltage division. It provides a voltage proportional to the float position as an output signal, which is then converted by an integral converter to a standardized 4...20 mA signal.

ITFD options are placed in front of the set points to prevent repeat opening.

The appropriate output devices can be connected to provide analogue or digital displays, optical and acoustic alarms and computer inputs.

No L1 certificate available

Safety instructions

- The transmitter may be used in Zone 0, 1 and 2 and with gas groups IIA, IIB and IIC that are at risk of explosion because of inflammable materials in the temperature classes T1 to T4.
- The highest permitted ambient temperature is 70 °C.
- The transmitter may only be connected to a certified, intrinsically safe electrical circuit having the maximum value (e.g. Zone 0/area 0).
- The equipment must be included in the routine preventive test of the tank.
- The transmitter must be electrically connected to the system's equipment system.

IT-6000-Ea


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