

Application Area:	Industry, Chemical Industry, Petrochemical Industry
Resolution:	5 +/- 2 mm
Min. Mounting Length:	400 mm
Max. Mounting Length:	3000 mm

XT-800R-Ex transmitters provide a reliable option for level supervision in tanks or containers containing explosive liquids. The transmitters are manufactured in accordance with customers' specifications and have proved to be successful for many years in a wide range of applications connected to the industrial and chemical sector, and in many special applications.

The float is fitted with magnets, and works by moving with the level of reed contacts located in the switching 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 standardised 4...20 mA signal.

PTFE spacers are placed in front of the set collars to prevent impact sparking.

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

No 3.1 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 values (e.g. Zener barriers).
- The equipment must be included in the routine pressure test of the tank.
- The transmitter must be electrically connected to the system's equipotential system.

XT-800R-Ex



EEx ia IIC T4
See 99 ATEX
2447X
II G

