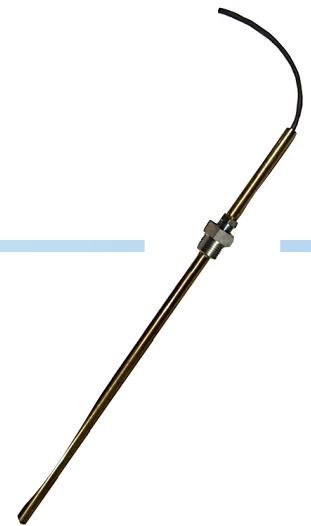


Fill-o-Tron R5

Thermistor

Standard sensor for gasoline and oil tanks and storage tanks containing ethanol and E85

Sensor for overfill protection and electronic level-monitoring.



The sensing element of the probe consists of a stainless steel encapsulated thermistor of PTC-type. PTC = positive temperature coefficient, this means that when the thermistor is connected to intrinsically safe current and thereby is heated, it increases its resistance as the temperature in the thermistor gets warmer. Since the thermistor only can reach its warm temperature when it is in air the connected electronic unit can determine if the probe is in air, gas or liquid.

The sensor is designed for use in Ex-zone.

Probe shaft in stainless steel with a diameter of 10/8. Assembling the tank is made with a R 1/2" thread. Length adjustment is carried out easily by a displacing of the gland and then lock sensor for desired length. Excess probe shaft can easily be cut so that the tube does not protrude above the tank.

The thermistor is encapsulated in stainless steel to prevent corrosion.

The sensor is particularly suitable for use in ethanol or E85.

Sensor embodiments

Sensor length (mm)	Part. nr	Weight:
400 mm	1263	0,2 kg
500 mm	1281	0,3 kg
1000 mm	1265	0,4 kg



Technology for Environmental Protection
Measuring. Controlling. Monitoring.