

# Fill-o-Tron R4-kemi

## Thermistor Probes

### Standard probe for chemical tanks.

Probe for overflow prevention.

Probe for electronic level switch.

Suitable for chemical tanks underground as well as above ground.

The sensing element of the probe consists of a teflon insulated 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 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 probe is designed for use in Ex-zone.

Sensor head with 1" BSP connection. The thermistor is teflon insulated and therefore making it suitable for use in conducting liquids.

The sensor can also be used together with a flange of PVC or stainless steel.

The probe is produced in 1 m standard length. Other lengths can be produced after order.

The sensor is especially suitable for use in chemical tanks and tanks containing ethanol or ethanol mixed petrol (E85).

#### Sensor versions

K1000	Sensor pipe of PVC
KFL1000	As K1000 but with flange of PVC
KR1000	Sensor pipe of stainless steel
RFL1000	As KR1000 but with flange of stainless steel.

Probe length (mm)	Art.no
425 mm	1176
1000 mm	1171
1500 mm	1165
2000 mm	1172
3000 mm	1180



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