

## PHILOG temperature / pressure



Measure the pressure as you wish

°C  
°F  
psi  
bar

**Pressure and temperature** for a wide range of use

**Heat penetration** and process validation

**Pressure** in the retort or in the packaging



## PHILOG temperature / pressure



### Measure the pressure as you wish

#### Applications

**At core** of industrial processes

⇒ oven, retort, continuous sterilizer, autoclave ...

**Directly** in the product and its packaging

**For the calculation** of PU/ F0 and Delta Pressure ( $\Delta P$ )

#### Specificities

**Contactless** communication interface:

⇒ insensitive to dirt

**Customizable** temperature rod: diameter, length, stiffness

⇒ Ultra short response time option: diameter = 1.9 mm

**Insulating shell** polymer and very light:

⇒ insensitive to thermal shocks

#### Performances

**Mesuring accuarcy:**

⇒ Temperature: -40 to +140°C to within  $\pm 0,06^\circ\text{C}$

⇒ Pressure: 30 to 5000 mbar (absolute) to within  $\pm 6$  mbar

**Dimensions:**  $\varnothing$  35 x 38 mm for 46g

**Wartertightness :** IP68 from 0 to 5 bar (absolute)

**Long battery** life of the interchangeable battery: 300h minimum

**Non-volatile memory:** 16 000 acquisitions



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