



# LMP 305

## Slimline Stainless Steel Probe with Stainless Steel Sensor

- ▶ diameter: 19 mm
- ▶ hydrostatic level measurement for example in 1" observation pipes (ground water measurement)
- ▶ nominal pressure ranges:  
from 0 ... 1 mH<sub>2</sub>O  
up to 0 ... 250 mH<sub>2</sub>O

The slimline stainless steel probe LMP 305 with its diameter of only 19 mm is especially suited for applications with restricted space, for example in 1" pipes for ground water monitoring. It can be used with water as well as liquids of low viscosity. Compatible with stainless steel 1.4571 and the sealing material.

Basic element of the LMP 305 is a piezoresistive stainless steel sensor featuring excellent metrological properties as, for example, excellent long term stability. Thus it is possible to guarantee accuracy up to 0.125 % FSO BFSL.

Special pressure ranges can be delivered on request.

Preferred areas of use are:

- ▶ ground water level measurement
- ▶ depth or level measurement in wells and open waters
- ▶ level measurement under restricted space conditions

- ▶ small thermal effect
- ▶ excellent linearity
- ▶ good long term stability
- ▶ accuracy:  
0.175 % / 0.125% FSO BFSL  
(0.35 % / 0.25% FSO IEC 60770)
- ▶ customer specific versions:  
- special pressure ranges

Characteristics



**LMP 305**  
Stainless Steel Level Transmitter