

## Technical data

### Measuring ranges, pressure

0 ... 4 m, 0 ... 10 m, 0 ... 20 m, 0 ... 40 m,  
0 ... 100 m water column

### Resolution, pressure

0.01 % FS

### Accuracy, pressure

±0.05 % FS

### Longterm stability

±0.1 % / year FS

### Temperature-compensated working range

-5 °C ... +45 °C (ice-free)

### Measuring range, temperature

-25 °C ... +70 °C (ice-free)

### Resolution, temperature

0.1 °C

### Accuracy, temperature

±0.5 °C; optional 0.1 °C

### Power supply

3 x 1.5 V LR6/FR6-cells, Alkaline or  
Lithium type

### Lifetime (at 1 h sample interval)

- With Lithium batteries min. 5 years
- With Alkaline batteries min. 1.5 years

### Interface

Infrared (IrDA)

### Storage temperature

-40 °C ... +85 °C

### Memory

4 MB

### Number of measured values

Approx. 500,000

### Sample / Storage interval

1 second ... 24 hours

### Installable in observation wells

- With adapter plates for OTT top caps  
1", 2", 4", 6"
- With suspension bracket ≥ 1"

### Dimensions L x Ø

- Communication unit  
400 mm x 22 mm
- Pressure probe  
195 mm x 22 mm

### System length

(cable length incl. communication unit/pressure probe)

1.5 ... 200 m ± 0.25 m

### Weight

- Communication unit (incl. batteries)  
approx. 0.410 kg
- Pressure probe approx.  
0.300 kg

### Material of casing

ABS, stainless steel (DIN 1.4539, 904L)

### Type of protection

- Communication unit  
IP 67 (immersion depth max. 2 m,  
duration of immersion max. 24 h)
- Pressure probe  
IP 68

### EMV limits

IEC61326/EN61326 are complied with