Technical Data

Measurement range	100 cm
Dimensioning	"E" – classification in the cm raster
Labeling	in dm-distance

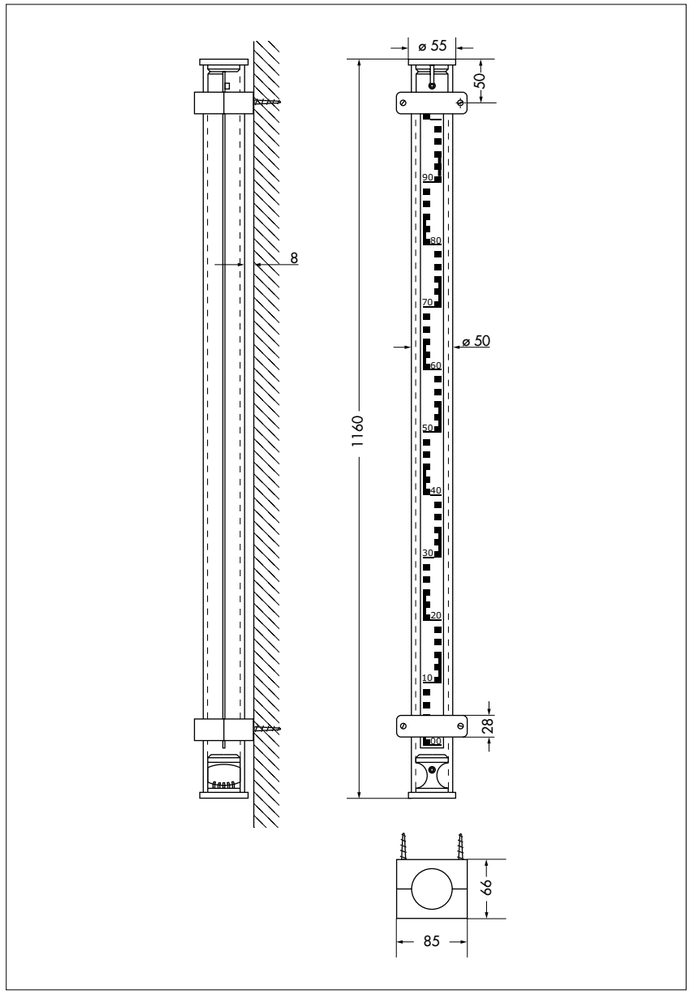
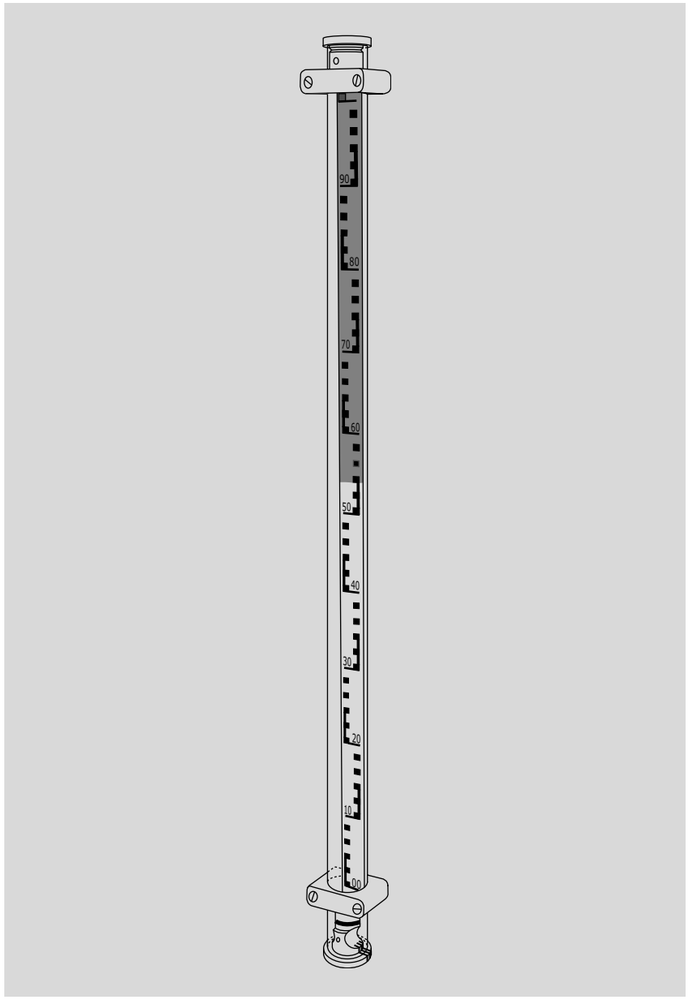


Fig. 2: Dimensions of the maximum level gauge.

Assembly instructions
Maximum level gauge G1

English



Document number
26,050,000.B.E 03-0511

Subject to technical changes!

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Order numbers

Maximum level gauge G1	26.050.001.2.6
Attachment parts	26.050.010.9.2
Color tape (15 m roll)	26.050.011.9.5

Introduction

The OTTmaximum level gauge allows reading of the highest water level stage reached at inaccessible sites. It is used, for example in flooded areas at riversided and coastal regions.

In a measuring cylinder made of safety glass is a 1 m long glass fiber reinforced plastic measuring rod with cm-E-partition and dm-label. A transparent self-adhesive color band is affixed to the measuringrod. The rising water in the measuring-cylinder rinses the color out, up to the appropriate water level. A sharp dividing line displays the highest water level.
The straining device acts as filter for coarse dirt and acts as a damping device. Thus, the waves of the surrounding water will not affect the measuring cylinder.

Install the maximum level gauge

Affix the color tape

Caution! Hands and the maximum level gauge must be dry, the color tape must not get wet!

- Loosen the upper cylindrical head screw.
- Pull measuring rod and holder upwards out of the measuring cylinder.
- Cut the color tape to the length of the measuring rod.
- Remove protective film from the color tape.
- Stick the color tape onto the written side of the measuring rod.
- Insert the measuring rod back into the measuring cylinder and fasten with the upper cylindrical head screw.

Mount maximum level gauge

Scope of delivery for fixng parts:

- 2 divisible fixing clipCaution! The lower portion of the upper fixing clip is equipped with a metal pin (see fig. 1). The metal pin snaps into a bore in the measuringcylinderYupper fixing clip is fixed in height.
- 4 stainless semi-round wooden screws for use on wood surfaces.
  Aso use suitable stainless screws (6 mm screw diameter) if the device is mounted on a non-wood surface!

- Roughly align the maximum level gauge to the reference height.
- Then fasten maximum level gauge including lower fixing clamps and 2 screws on woodensurface. When tightening the screws ensure that the maximum level gauge can still be adjusted in height.
- Exactly align the maximum level gauge to the reference height.
- TIghten the screws of the lower fixing clamp.
- Attach upper fixing clamp and fasten with 2 screws.

Maintain maximum level gauge

Clean the strainer

- Loosen the lower cylindrical screw.
- Pull out the straining device in a downward direction and rinse with clear water. In the event of extreme soiling, clean the slots using a brush.
- Re-insert the straining device.
- Fasten the lower cylindrical head screw.

Change the color tape

Change intervall: After each high water event. At least every 2 years. This will ensure that the color tape will clearly display, in the event of flooding, the maximum water level!

- Loosen the upper cylindrical head screw.
- Pull the measuring rod including holder upwards out of the measuring cylinder.
- Remove color tape from the measuring rod.
- Affix new color tape (see “affix color tape”).

Fig. 1: Example for installation of a maximum level gauge on a wooden surface.