

OTT Contact Gauges for measurements of depth to water, temperature and conductivity

- **Measurement range**
  Measuring tape lengths KL010: 15 ... 750 m; KL010 TM: 25 ... 500 m; KL010 TCM 30 ... 500 m

- **Application**
  Groundwater

- **Measurement technology**
  Contact gauge

- **Parameters measured**
  Water level / Distance to water, Temperature, Conductivity

- **Product Highlights**
  Manual water level, temperature and/or conductivity measurement

OTT Contact Gauges are essential for manual measurements of depth to water, temperature, and conductivity in groundwater. The drum is held by a stable frame and is easy to carry. It is very smooth, so that you can effortlessly drain and haul the probe. OTT KL 010
The OTT KL010 Contact Gauge measures the distance to water. Once the probe touches the water surface, you get a signal and you can see the distance to water.

For depths of 15 ... 750 m

OTT KL 010 TM

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In addition to the OTT KL010 the OTT KL010 TM comes with a temperature sensor and display for displaying the water temperature. Also suitable for depth profile measurement.

For depths of 25 ... 500 m

OTT KL010 TCM
With conductivity sensor and display for the output values temperature, conductivity and TDS (Total Dissolved Solids). Also for creating temperature and conductivity profiles.

For depths of 30 ... 500 m

Type KL 010	
Measuring tape lengths	15, 25, 30, 50, 80, 100, 150, 200, 250, 300, 500 and 750 m
Measuring accuracy	0.1 % FS

Signalling	Optical (signal lamp; LED optionally) & accoustic
Power supply	6 V DC; 4 x 1.5 V C-type cells (alkaline);
Operating life	≥12 months (KL 010 / TM)
Probe body	Stainless steel/nickel-plated brass, 15 mm Ø, 190 mm long
Weight	approx. 3.8 kg (15 m) … 18.5 kg (750 m)

Operating temperature range	-30 ... +75 °C

KL 010 TM	
Measuring tape lengths	25, 50, 100, 150, 200, 250, 300 and 500 m

Resolution	0.1 % FS
Temperature sensor	-5 °C ... +60 °C
Accuracy	±0.1 °C
Resolution	0.1 °C

Signalling/Indication	Display (LCD), 3 ½ digits Button to display battery capacity in % Optical signal (LED) & accoustic
Power supply	6 V DC; 4 x 1.5 V C-type cells (alkaline)
Operating life	≥12 months (KL 010/TM)
Probe body	Ø 15 mm, 183 mm long
Material	Stainless steel/nickel-plated brass
Weight	approx. 3.6 kg (25 m) … 14.3 kg (500 m)
Operating temperature range	-30 ... +75 °C

KL 010 TCM

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Measuring tape lengths	30, 50, 100, 150, 200, 250 and 500 m
Resolution	0.1 % FS
Temperature sensor	-1 ... + 70 °C
Accuracy	±0.1 °C
Conductivity measuring cell	0 ... 200 mS/cm
Accuracy	±0.5% of measured value, min. ±2 S/cm

Signalling/Indication	Display (LCD), 3 digits bar graph display for battery state Optical signal (LED) & accoustic
Power supply	6 V DC; 4 x 1.5 V C-type cells (alkaline);
Operating life	approx. 18 h operating time
Material	Stainless steel
Probe body	Ø 20 mm, 238 mm long
Weight	approx. 3.7 kg (30 m) 14.5 kg (500 m)
Temperature operating range	-20 ... +75 °C

General	
Measuring tape	White polyethylen tape (two wires) Conductor in high strength, rust and acid resistant stainless stell wires Meter graduation in red, centimetre marks and decimetre graduation in black on white tape
Tape drum	Special plastic, high strength, resistant to low temperatures, Protection Class IP64
Frame design 1	Cast aluminium, steel
Frame design 2	Special plastic, high strength, resistant to low temperatures

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