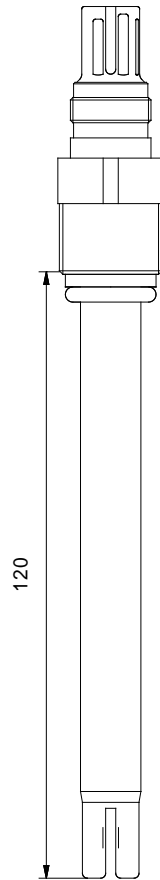


# LTG1/22

Conductivity Cell with temperature sensor

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LTG1/22VP  
Dimension in mm

The conductivity sensor LTG1/22 combines enhanced 2-electrode technology with rugged design in a 12 mm glass body and an incorporated temperature probe is available. The LTG1/22 features wide measuring range, low maintenance and easy cleaning, ideal for universal application, even in partly aqueous and highly aggressive media as well as in drinking water. In addition to the version with Variopin plug head system and separated cable connection, models with fixed cable are available.

<b>Sensor shaft</b>	glass, Ø 12 mm
<b>Immersion length</b>	120 mm
<b>Electrode material</b>	platinum, platinised
<b>Temperature range</b>	-5...100 °C
<b>Temperature probe</b>	Pt100 for automatic temperature compensation and temperature measurement
<b>Measuring range</b>	1 µS/cm...100 mS/cm (dependent from frequency and measuring voltage)
<b>Cell constant</b>	1 cm <sup>-1</sup> ± 20 %
<b>Minimum immersion depth</b>	25 mm
<b>Pressure</b>	< 6 bar
<b>Storage</b>	within the protective cap filled with distilled water
<b>Electrical connection</b>	<ul style="list-style-type: none"> <li>▪ Variopin plug head with thread PG 13.5</li> <li>▪ fixed cable</li> </ul>
<b>Process connection</b>	<ul style="list-style-type: none"> <li>▪ with the relevant configuration thread PG 13.5 at sensor head for direct mounting in housings</li> </ul>

- Electrical connections of the sensor:
  - LTG1/22VP: Variopin plug head with thread PG 13.5; separate connection cable is required
  - LTG1/22-K050-F-P: 5 m fixed cable, stripped ends, thread PG 13.5
  - LTG1/22...: standard model LTG1/22 (plug head; cable length [1 m, 2 m, 5 m, 10 m], special cable length, plug, thread PG 13.5 are available)
  - LTG1/22 (OEM): customer specially designed models (sensor length, OEM logo, ...)
- Accompanying plug head cable connections:
  - KVP/3: coaxial cable, length 3 m with Variopin socket, without meter plug