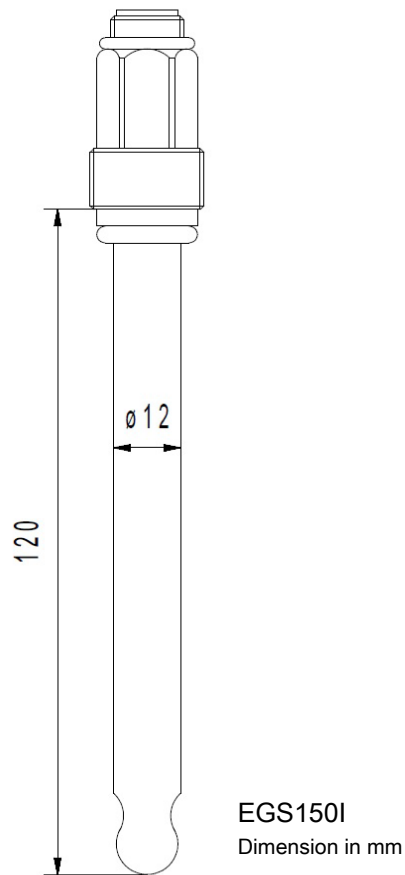


# EGS150I

pH Combination Electrode



This pH combination electrode with gel electrolyte which can be autoclaved and sterilised is specifically developed for industrial applications and in-line measurements in biotechnological processes. The electrode features high reliability, low maintenance, good CIP and SIP ability, easy process connection without any housings for external pressure compensation and excellent long time stability even for applications with very difficult measurement conditions. The electrode can be used in small bio-reactors and in large scale fermentation processes.

<b>Electrode shaft</b>	glass, Ø 12 mm
<b>Immersion length</b>	120 mm
<b>pH range</b>	0...14
<b>Temperature range</b>	0...140 °C
<b>Membrane shape</b>	ball
<b>Reference system</b>	Ag/AgCl
<b>Electrolyte</b>	pressurized gel, with KCl reserves
<b>Diaphragm</b>	1 ceramic frit
<b>Isopotential point</b>	6.8
<b>Minimum conductivity of the medium</b>	100 µS/cm
<b>Pressure</b>	vacuum to 10 bar
<b>Electrical connection</b>	▪ S8 coaxial plug head with thread PG 13.5
<b>Process connection</b>	▪ thread PG 13.5 at sensor head for direct mounting in housings ▪ installation vertically or laterally up to 30° from vertical

- Accompanying plug head cable connections:
  - K43/2: coaxial cable, length 2 m with S7/S8 socket, without meter plug
  - K50/2: coaxial cable, length 2 m with S7/S8 socket and German DIN plug
  - K51/2: coaxial cable, length 2 m with S7/S8 socket and BNC plug