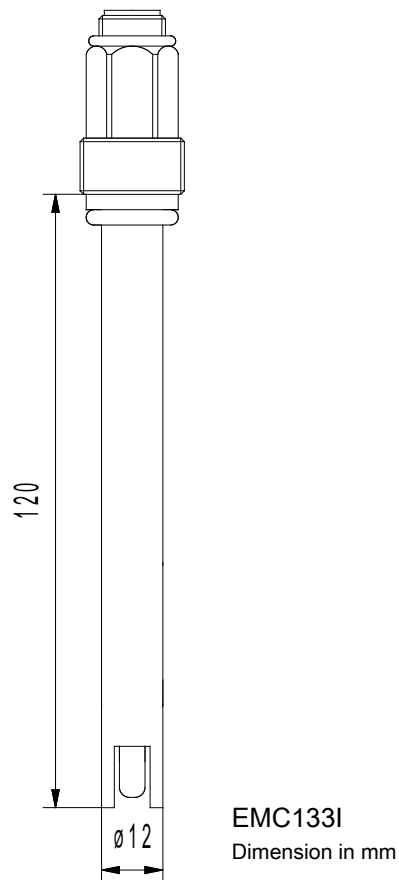


# EMC133

Redox/ORP Combination Electrode



This Redox/ORP combination electrode with gel electrolyte and plastic body features application in aquariums, water and waste water technology as well as in water treatment for swimming pools. The platinum disc increases mechanical stability and decreases dependence on flow. In addition to the version with plug head and separated cable connection, models with fixed cable are available.

<b>Electrode shaft</b>	plastic (black), Ø 12 mm
<b>Immersion length</b>	120 mm
<b>Metal electrode</b>	platinum disc Ø 5 mm
<b>Temperature range</b>	-5...80 °C
<b>Reference system</b>	Ag/AgCl
<b>Electrolyte</b>	gel-filled (about 3 M KCl)
<b>Diaphragm</b>	2 ceramic frits
<b>Minimum conductivity of the medium</b>	100 µS/cm
<b>Minimum immersion depth</b>	15 mm
<b>Pressure</b>	< 6 bar
<b>Electrical connection</b>	<ul style="list-style-type: none"> <li>▪ S8 coaxial plug head with thread PG 13.5</li> <li>▪ S7 coaxial lab plug head</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> <li>▪ installation vertically or laterally up to 30° from vertical</li> </ul>

- Electrical connections of the sensor:
  - EMC133I: S8 coaxial plug head with thread PG 13.5; separate connection cable is required
  - EMC133-L: S7 coaxial lab plug head; separate connection cable is required
  - EMC133-K050-F-P: 5 m fixed cable, stripped ends, thread PG 13.5
  - EMC133...: standard model EMC133 (plug head; cable length [1 m, 2 m, 5 m, 10 m], special cable length, plug, thread PG 13.5 are available)
  - EMC133 (OEM): customer specially designed models (sensor length, OEM logo, ...)
  
- 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