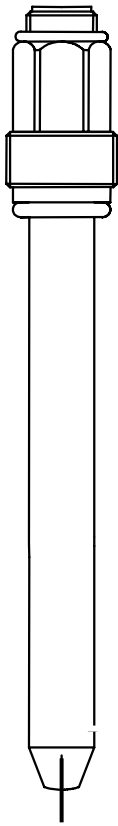


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# Redox/ORP Combination Electrode EMC 34

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06/04



EMC 34 I

This Redox/ORP combination electrode with nearly maintenance free gel electrolyte and ceramic frits features general application in water and waste water technology as well as in water treatment for swimming pools. The platinum rod features high mechanical stability and good price to performance ratio.

In addition to the model with dismountable S7 plug head connection system, models with fixed cable connection are available too.

Accompanying plug head cable connections:

- K 43/2: Coaxial measuring cable, length 2 m with plug head S7 cable socket, without meter plug
- K 50/2: Coaxial measuring cable, length 2 m with plug head S7 cable socket and German DIN plug
- K 51/2: Coaxial measuring cable, length 2 m with plug head S7 cable socket and BNC plug

## Specifications

<b>Electrode stem</b>	glass Ø 12 mm, without refill opening
<b>Immersion length</b>	120 mm (immersion length 150 mm, 225 mm and 360 mm on request)
<b>Metal electrode</b>	platinum rod Ø 0.8 mm, length about 5 mm
<b>Temperature range</b>	- 5 ... 80 °C
<b>Reference system</b>	Ag/AgCl
<b>Electrolyte</b>	gel-filled (non-refillable), about 3 M KCl
<b>Diaphragm</b>	ceramic frit
<b>Pressure</b>	max. 6 bar
<b>Electrical connection</b>	EMC 34 I: PG 13.5 threaded coaxial plug head S7-system EMC 34 K/PG: 5 m fixed coaxial cable without connector, electrode stem equipped with hex nut PG 13.5
<b>Process connection</b>	sensor shaft equipped with hex nut PG 13.5 or PG 13.5 threaded plug head for direct mounting in housings; installation vertically or laterally up to 30° from vertical

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## Sensortechnik Meinsberg GmbH

Quality System certified to DIN EN ISO 9001

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