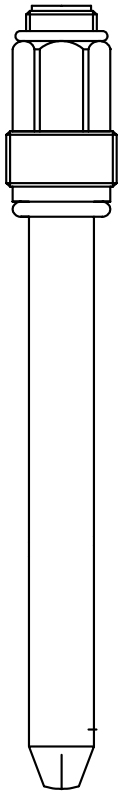

Redox/ORP Combination Electrode EMC 33

06/04



EMC 33 I

This Redox/ORP combination electrode with nearly maintenance free gel electrolyte and ceramic diaphragm features general application in 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 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

Electrode stem	Ø 12 mm without refill opening
Immersion length	120 mm (immersion lengths 150 mm, 225 mm and 360 mm on request)
Metal electrode	platinum disc Ø 6 mm
Temperature range	- 5 ... 80 °C
Reference system	Ag/AgCl
Electrolyte	gel-filled (non-refillable), about 3 M KCl
Diaphragm	ceramic frit
Pressure	max. 6 bar
Electrical connection	EMC 33 I: PG 13.5 threaded coaxial plug head S7-system EMC 33 K/PG: 5 m fixed coaxial cable without connector, electrode stem equipped with hex nut PG 13.5
Process connection	sensor shaft equipped with hex nut PG 13.5 or PG 13.5 threaded plug head or for direct mounting in housings; installation vertically or laterally up to 30° from vertical

Sensortechnik Meinsberg GmbH

Quality System certified to DIN EN ISO 9001

Fabrikstraße 69

D-04720 Ziegra-Knobelsdorf /GERMANY

Internet: www.meinsberg.de

Tel. +49 34327 623-0

Fax +49 34327 623-79

