



EGA 233 I

This pH combination electrode with double-junction reference cartridge system, gel electrolyte and ceramic frits features low maintenance and rugged design for application in industrial water treatment, biological systems and electroplating even in heavily polluted mediums. The double-junction reference system secures high long-term stability especially in mediums containing harmful substances influencing a reference system.

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	plastic Ø 12 mm, black
Immersion length	120 mm (immersion length 150 mm on request)
Metal electrode	platinum disc Ø 6 mm
Temperature range	- 5 ... 80 °C
Reference system	Ag/AgCl cartridge
Electrolyte	gel electrolyte (non-refillable) in both electrolyte chambers, about 3 M KCl
Diaphragm	2 ceramic frits
Pressure	max. 6 bar
Electrical connection	EGA 233 I: PG 13.5 threaded coaxial plug head S7-system EGA 233 K/PI: 5 m fixed coaxial cable without connector, equipped with adapter 2 x NPT ¾ " thread (max. 65 °C)
Process connection	PG 13.5 threaded plug head or NPT thread for direct mounting in housings; installation vertically or laterally up to 30° from vertical