

pH sensor | Sensolyt® SE

max. depth 100 m.

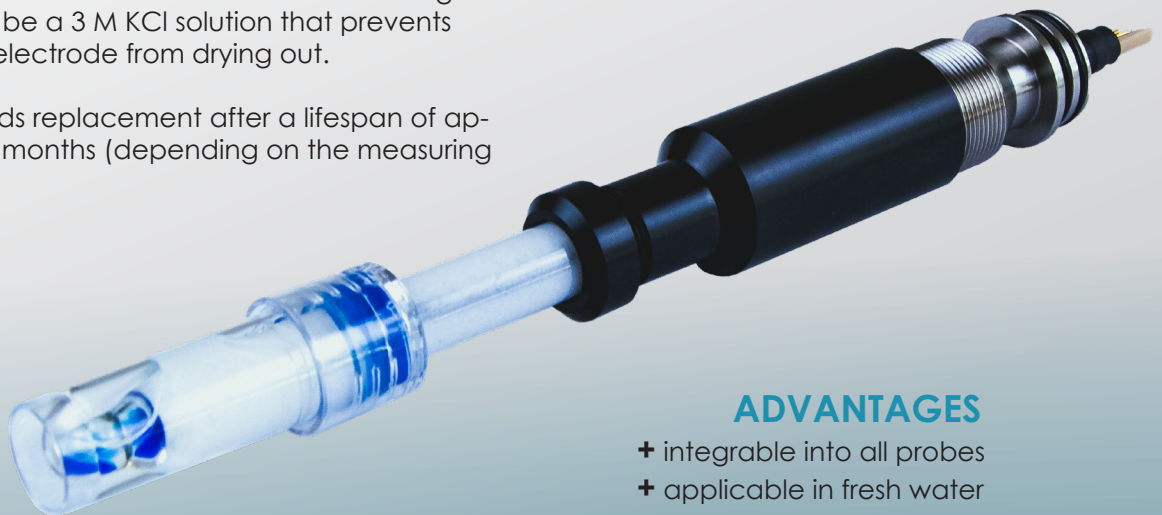


Sea & Sun
Technology

For shallow water applications industrial sensors are best choice. The pH electrode incorporates a double pin-hole diaphragm and a gel polymer solid electrolyte, which is AgCl free and thus resistant to sulfides. The electrode allows reliable measurements in e.g. suspensions or sulfide-bearing water. The sensor has a standard S7/S8 head and is screwed into a flange with a fitting socket. A coaxial contact makes the electrical connection to the flange.

The pH sensor is supplied with a storage solution in a wetting cap. The cap must always be placed beneath the sensor and contain sufficient storage solution to store the sensor when not in use. The storage solution should be a 3 M KCl solution that prevents the reference electrode from drying out.

The sensor needs replacement after a lifespan of approximately 12 months (depending on the measuring environment).



ADVANTAGES

- + integrable into all probes
- + applicable in fresh water
- + easy exchangeable S7/S8 connection

pH sensor / Sensolyt® SE

Pressure resistance	100 dbar
Temperature range	0...60 °C
Measuring range	2...12 pH
Electrical Connector	S8
Process Connection	PG13,5
Dimensions	12 mm Ø, 120 mm long
Material	Glass, if armored PVC-U
Used for	CTD48, CTD48c, CTD48M, CTD48Mc, CTD75M, CTD90, CTD90M, CTD115M



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