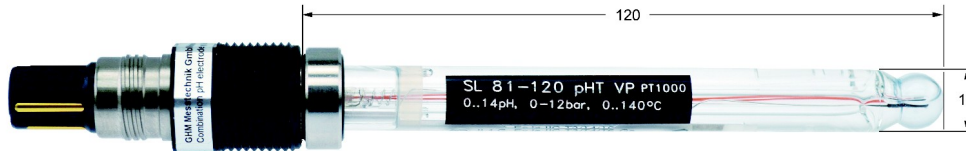


Product information

Standard pH and Redox Combined Electrodes



pH Combined electrodes

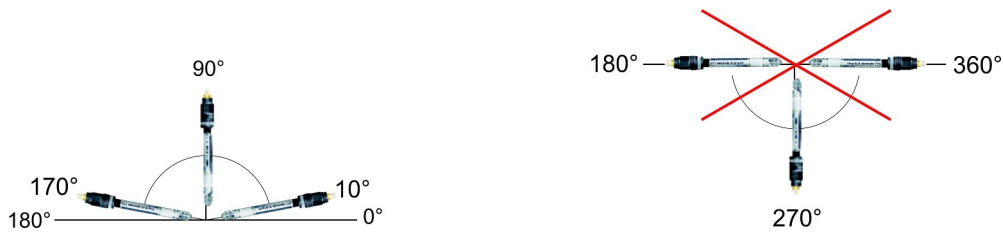
Technical data

Type	AL70pH-00	EGA142-VP	EGAT173-VP-X	SL81-120pHT-VP	L9080
Range of application	2 - 13 pH	0 - 14 pH	0 - 14 pH	0 - 14 pH	0 - 12 pH
Area of application	water	water, swimming pool, sewer	heavily contaminated waste water electroplating	foods (sterilisable) water, waste water	purest water boiler feed water
Working temperature	-5..+80 °C	-5..+80 °C	-5..+80 °C	0..135 °C	-30..+80 °C
Max. pressure	3 bar	6 bar	6 bar	10 bar	6 bar
Installation location	120 mm	120 mm	120 mm	120 mm	120 mm
Process connection	PG13.5	PG13.5	PG13.5	PG13.5	PG13.5
Temperature sensor	-	Pt1000	Pt1000	Pt1000	-
Electrical connection*	S8	VP	VP	VP	S8
Reference system	Silver/silver chloride (Ag/AGCl) electrode zero point pH7.00				
Reference electrodes	Gel	Gel	Gel	Gel	Liquid
Electrolyte					
Diaphragm	ceramic	ceramic	cut	ceramic	ceramic
Min. media conductivity	50 µS/cm	100 µS/cm	50 µS/cm	50 µS/cm	< 1 µS/cm
Installation location	10..170°	30..150°	30..150°	10..170°	10..170°

*Patch cords, refer to product information „Accessories for pH Measurement“

Installation location

Product information



Redox Redox Combined Electrodes

Technical data

Type	AL79Pt-00	Pt8281HD-00
Range of application	2 - 13 pH	2 - 13 pH
Area of application	Environmental technology, disinfection	Environmental technology, disinfection
Working temperature	-5..+80 °C	-5..+100 °C
Max. pressure	3 bar	10 bar
Installation location	120 mm	120 mm
Process connection	PG13.5	PG13.5
Temperature sensor	-	-
Electrical connection*	S8	S8
Reference system	Silver/silver chloride (Ag/AgCl) electrode zero point pH7.00	
Reference electrodes	Polymer (Referid)	Polymer (Referid)
Electrolyte		
Diaphragm	ceramic	KPG
Min. media conductivity	50 µS/cm	50 µS/cm
Installation location (see previous page)	10..170°	10..170°

*Patch cords, refer to product information „Accessories for pH Measurement“

Important!

pH and Redox electrodes have a limited service life. This depends on the usage conditions, such as medium, pressure, and temperature, and can vary from a few weeks to several years. There are special cases in which a service life of only a few days can be achieved due to extreme usage conditions. The characteristic and adjusting time of the electrode shaft due to ageing. The resulting error due to recalibration in combination with downstream electronics (e.g. UNICON-pH converter) can be compensated up to a certain degree of ageing.

pH and Redox single rod electrodes are consumables and not subject to the normal guarantee. No returns or exchanges are accepted.

Our offer also includes technical advice on the selection of the optimal pH and Redox single rod electrodes, free of charge. In addition to the standard electrodes indicated in the list, we also provide versions specially adapted to the respective usage conditions.