

# Glassless pH/ORP/DO electrodes

## ● Glassless pH electrodes SP40

Our NEW Liquid pH or LpH sensor is specially designed so that there is no glass in contact with the solution being measured. Conventional glass pH electrodes are quickly etched and destroyed by HF and as a result, current glass pH electrodes for HF applications use an extra thick membrane causing slow sluggish response time. This is not the case with the SP40!

SP40 is an exact replacement for conventional glass pH electrodes. The SP40 is available in Laboratory 12mm design with double junction reference for extended probe life.

### Specifications

pH Range	2 to 10
Temperature Range	0 to 40°C
Reproducibility	+/- 2 %
Zero Potential (Eo)	7.00 pH
Slope (Span) 4 to 10 pH	>93% of Scale
Offset (Zero) at 7pH	0 mV +/- 30 mV
Membrane Resistance	<100 MΩ
Max Pressure	3 bar
Wetted Parts	Kynar®, Viton®, PVC, and Epoxy

Code	Description	Junction	pH	°C	size
SP40X	S7 LpH sensor	Double	2...10	0..40	110xØ12
SP40Y	S8 LpH sensor	Double	2...10	0..40	110xØ12



SP40X

## ● ORP electrodes

Code	Body	Junction	Sealed	mV	°C	size
SO50X SO50Y	Platinum Epoxy	Single	yes	0...±2000	0...80	110xØ12
SO60X	Platinum Glass	Single	no	0...±2000	0...100	110xØ12
SO65X	Silver Glass	Single	no	0...±2000	0...100	110xØ12
SO70X	Gold Glass	Single	no	0...±2000	0...100	110xØ12



## ● Dissolved oxygen electrode

Code	Type	Body	mg/l	°C	size	
SZ10T3S	Galvanic	3m submersible cable	Delrin	0...60	0...50	110xØ12
SZ12T15	Galvanic	15m cable 2 BNC plugs S8 head	Delrin	0...60	0...50	110xØ12
SZ02K	Set of 3 membranes + electrolyte					

