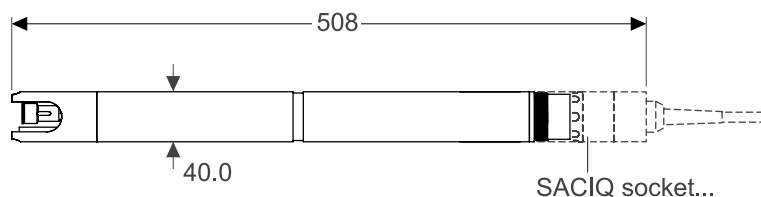


Digital IQ pH/ORP armatures SensoLyt®

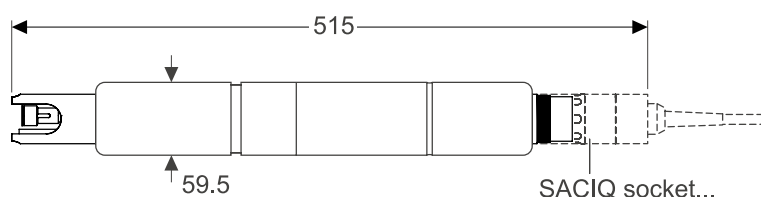
Digital pH/ORP armature with integrated preamplifier and temperature sensor as well as lightning protection to be connected to IQ SENSOR NET

We would like to inform you about the application range on our website

SensoLyt® 700 IQ



SensoLyt® 700 IQ SW



Technical Data

Model	SensoLyt® 700 IQ	SensoLyt® 700 IQ SW*
Measuring method	Potentiometric	
Measuring range	0.00 ... 14.00 pH (depending on the electrode) ± 2000 mV (depending on the electrode)	
Resolution	0.01 pH 1 mV	
Accuracy	Depends on calibration ± 0.2 pH; ± 20 mV	
Integrated Preamplifier	Yes	
Sensor check funktion	Yes	
Temp. measurement	Integrated NTC, 23 ... 140 °F (-5 ... +60 °C)	
Temp. compensation	32 ... 140 °F (0 ... +60 °C)	
Pressure Resistance	10 bar	
Ambient Conditions	Operating temperature: 32 ... 140 °F (0 ... +60 °C)	
Electrical connections	2-wire shield cable with quick fastener to sensor	
Electromagnetic Compatibility	EN 61326, Class B, FCC Class A; Intended for indispensable operation	
Certifications	CE, cETL, ETL	
Mechanical	Sensor body: V4A stainless steel 1.4571 Protection cap: PVC Sensor holder: POM Protection rating: IP 68	
Weight (without cable)	Approx 2.14 lb (970 g)	Approx. 3.97 lb (1.800 g)
Warranty	2 years for defects in quality	

* SW: Sensor as sea water model (with plastic arming (POM))

Model	Description	Order No.
SensoLyt® 700 IQ	Digital pH/ORP fitting for SensoLyt® electrode, with integrated preamplifier and temperature sensor (please order cable separately)	109170
SensoLyt® 700 IQ SW	Like the SensoLyt® 700 IQ, but as a sea water model	109171
SensoLyt® 700 IQ/SET	SensoLyt® 700 IQ including SensoLyt® SEA pH electrode and 7 m connecting cable	109173
SensoLyt® 700 IQ/SET1	SensoLyt® 700 IQ including SensoLyt® PtA ORP electrode and 7 m connecting cable	109174