

ScienceLine sensors for ammonia, sodium, oxygen, ion-selective indicator electrodes

Ammonia combination electrode with plug head

Shaft material: plastic, 12 mm Ø
Connection cable: e.g. L 1 A

Sodium combination electrode with plug head

Reference system: Silamid®
Shaft material: glass, 12 mm Ø
Zero point: pNa = 2.0
Membrane shape: sphere
Connection cable: e.g. L 1 A

Oxygen electrodes

Shaft material: plastic (POM)

ISE measuring cells

Shaft material: plastic
Length: 120 mm
Fixed cable: 1 m long, with DIN plug

ISE combination electrodes with plug head

Shaft material: plastic
Length: 120 mm



ScienceLine

NH 1100

Na 61

OX 1100+

9009/61

Cu 1100 A

F 60

Ca 1100 A

Cl 60

F 1100 A

NO 60

Pb 1100 A

K 60

CA 60

CN 60

AG-S 60

I 60

BR 60

CU 60

PB 60

Order No.	Type No.	Length L [mm]	Temp. range [°C]	Meas. range [mg/l]	Remarks
285102808	NH 1100	120	0 ... +50	0.1 ... 1,000	membrane module replaceable

Order No.	Type No.	Length L [mm]	Diaphragm	Membrane Glass	Temp. range [°C]	Meas. range [pNa]	Remarks
285100026	Na 61	170	platinum	Na	-10 ... +80	0 ... 6	electrolyte KCl 3 mol/l, aqueous solution NaCl 0.1 mol/l

Order No.	Type No.	Length L [mm]	Temp. range [°C]	Meas. range [mg/l]	Remarks
1069975	OX 1100+	120	0 ... +45	0 ... 60	galvanic sensor, Pt cathode, Ag anode, SMEK plug head, temperature compensated (NTC 100kΩ), shaft 12 mm Ø, measuring current at saturation approx. 100 nA, minimum flow rate 10 cm/s, connection cable e.g. LS 1 ST4 OX (for CG 867)
285111664	9009/61	145	0 ... +50	0 ... 50	amperometric sensor, Au cathode, Pb anode, fixed cable 1.5 m ¹⁾ with 8-pole plug, IMT temperature compensation, shaft 15.25 mm Ø, membrane FEP, 13 µm thick, accuracy 1% at 18 cm/s flow rate.

Order No.	Type No.	Parameter	Temp. range [°C]	pH-range	Measuring range [mg/l]
285216314	Ca 1100 A	Calcium	0 ... +40	2.5 ... 11	0.02 ... 40,000
285216312	Cu 1100 A	Copper	0 ... +80	2 ... 6	0.0006 ... 6,400
285216313	F 1100 A	Fluoride	0 ... +80	5 ... 7	0.02 ... saturated
285216315	Pb 1100 A	Lead	0 ... +80	4 ... 7	0.1 ... 20,000

Order No.	Type No.	Parameter	Temp. range [°C]	pH-range	Measuring range [mg/l]
285130340	F 60	Fluoride	0 ... +80	5 ... 7	0.02 ... saturated
285130350	Cl 60	Chloride	0 ... +80	2 ... 12	2 ... 35,000
285130360	NO 60	Nitrate	0 ... +40	2.5 ... 11	0.4 ... 62,000
285130370	K 60	Potassium	0 ... +40	2 ... 12	0.04 ... 39,000
285130380	CA 60	Calcium	0 ... +40	2.5 ... 11	0.02 ... 40,000
285130390	CN 60	Cyanide	0 ... +80	0 ... 14	0.2 ... 260
285130400	AG-S 60	Sulfide	0 ... +80	2 ... 12	0.003 ... 32,000
285130410	I 60	Iodide	0 ... +80	0 ... 14	0.006 ... 127,000
285130420	BR 60	Bromide	0 ... +80	1 ... 12	0.4 ... 79,000
285130430	CU 60	Copper	0 ... +80	2 ... 6	0.0006 ... 6400
285130440	PB 60	Lead	0 ... +80	4 ... 7	0.2 ... 20,000

¹⁾ Other cable lengths available on request