

Probes - Sensors



SZ 1131 Puncture tip pH electrode, epoxy body, PTFE junction. 1 m cable with BNC.

Applications: green houses, agriculture.



SZ 1093 Hydroponic pH electrode, epoxy body L=85 mm, cable 3 m with BNC.

Applications: green houses, agriculture. In-line up to 7 bar.

Specifications

Type	Membrane	R. Mohm at 25 °C	Range pH	Temperature °C	Length mm	Diameter mm	Reference
SZ 142	GX 2	50	0 / 13	0 / 60	110	12	Ag/AgCl
SZ 145	GX 2	50	0 / 13	0 / 60	110	12	Ag/AgCl
SZ 1021	GX 2	50	0 / 13	0 / 60	110	12	Ag/AgCl
SZ 1025	GX 2	50	0 / 13	0 / 60	110	12	Ag/AgCl
SZ 151	GX 2	100	0 / 13	-5 / 130	110	12	Ag/AgCl and KNO3
SZ 160	GX 2	50	0 / 13	0 / 100	110	12	Ag/AgCl
SZ 161	GX 2	50	0 / 13	0 / 100	110	12	Ag/AgCl
SZ 165	GX 2	50	0 / 13	0 / 100	110	12	Ag/AgCl
SZ 171	GX 2	50	0 / 13	0 / 100	110	12	Ag/AgCl and KNO3
SZ 173	GX 2	50	0 / 13	0 / 100	110	12	Ag/AgCl and KNO3
SZ 191	GX 2	100	0 / 13	5 / 130	110	12	Ag/AgCl and KNO3
SZ 195.1	GX3 dome	200	0 / 14	-5 / 130	110	12	Ag/AgCl and KNO3
SZ 1031	GX2	50	0 / 13	0 / 80	110	12	Ag/AgCl
SZ 1075	Antimonium	-	2 / 11	-5 / 100	110	12	Ag/AgCl
SZ 1093	GX2	50	0 / 13	0 / 80	80	12	Ag/AgCl
SZ 1131	GX1	300	0 / 12	-5 / 100	110	9.5	Ag/AgCl

pH autoclean flat electrodes

This is a new and more rugged flat electrodes generation.

They may be used in immersion or in-line for an autoclean effect by the liquid flow.

The reference electrode is a double junction in order to ensure a long life even in liquid containing Ammonia, Chlorine, Cyanide, Sulfide and other contaminating ions.

The body is in PVDF, corrosion resistant and food compatible.

The special shape protects mechanically the sensing parts.

SZ 1140

pH electrode, PTFE double junction, polymeric gel.

Range: 0/12 pH

Temperature: 0/100 °C

Pressure: 10 bar

Body: in PVDF, DL connector, 3/4" NPT thread

Length: 140 mm (45 mm in immersion)

Cable: SZ 947, L=8 m (not included)



SZ 1150

pH electrode, PTFE double junction, polymeric gel, built-in Pt100.

Range: 0/12 pH

Temperature: 0/100 °C

Pressure: 10 bar

Body: in PVDF, Military 4-pin connector, 3/4" NPT thread

Length: 140 mm (45 mm in immersion)

Cable SZ 9441: 10 m + connector (to be order separately)



SZ 9441



SZ 1150

ORP autoclean flat electrodes

SZ 2060

ORP electrode, PTFE double junction, polymeric gel.

Electrode: Platinum disk

Temperature: 0/100 °C

Pressure: 10 bar

Body: in PVDF, DL connector, 3/4" NPT thread

Length: 140 mm (45 mm in immersion)

Cable: SZ 947, L=8 m (not included)

