



Polymetron 9245 Sodium analyser, 1-channel, 0.01-10000 ppb Na

Product #: 09245=A=0101

OBSOLETE ITEM
This item is no longer available.

Suggested replacements:

- LXV526.98.1111A

Sodium monitoring for high purity waters

Process-instrument for the determination of Sodium. With AUTOCAL. Wall mount enclosure. Incl. reagents, maintenance set, installation set and manual.

Automatic electrode reactivation for optimum operation and response time

Easy to install, operate, calibrate and maintain

Adaptable to a variety of conditions

Lower detection limit of 0.01 ppb

Specifications

Acidity:	Less than 50 ppm (equivalent CaCO_3)
Ambient temperature:	5 - 50 °C
Analogue outputs:	4 × (0 or 4) /20 mA [650 Ohms] / linear and dual / Smart
Communication capabilities:	Standard (4x 4-20 mA outputs)
Display:	Digital, 75 × 75 mm graphic with LED backlighting
European standards for EMC:	Conform EN 61326-1:2006, EN 61010-1:2001
Flow:	0.2–6 bar (3–87 psi), 5 L/h during sampling phase
Height (panel):	850 mm
Inlet:	Simple fittings for 6 mm O.D. tubing or 1/4" O.D. in PE-low density. For 1/4" O.D. in PEHD-PTFE-SS, request imperial kit.
International standards:	U. L. (contact us for GOST Metrology)
Max. concentration of suspended solids in sample:	Below 10 ppm, no oil, no grease. For boiler sample type, install approx. 100 µm filter
Measuring range:	0.01 - 10000 ppb freely programmable
Mounting:	Wall mount enclosure
Number of channels:	1 Single channel
Number of relays:	2 programmable (concentration, temperature, minimum sample flow rate)
Outlet:	Barbed stem for 12 mm (1/2" I.D.) hose

Parameter:	Sodium
Power requirements (Hz):	50 - 60 Hz
Power requirements (Voltage):	100 - 240 V AC
Protection rating:	IP 65 (NEMA 4)
Repeatability with DIPA (within a 10° variation):	below 0.02 ppb or 1.5% reading, whichever is greater, within 10 °C variation
Response time:	180 s (t = 90%)
Sample temperature:	5 - 45°C (41 - 113°F)
Weight:	Empty canisters: Enclosure 23 kg
	Full canisters: Enclosure 25 kg