



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

Product #: 09245=A=0100

OBSOLETE ITEM
This item is no longer available.

Suggested replacements:
• LXV526.98.1011A

Sodium monitoring for high purity waters

Process-instrument for the determination of Sodium. Standard (w/o 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