



9184sc Total Free Chlorine (TFC) Amperometric Sensor

Produktnr: LXV432.99.00001

SEK Pris: Kontakta oss

Skickas inom 1 vecka

Smart amperometric Total Free Chlorine Sensor: 9184sc

The low minimum detection limit and wide measurement range of the Hach 9184sc Amperometric Free Chlorine Sensor makes it ideal for efficient residual chlorine monitoring. Continuously measures hypochlorous acid (HOCl), Hypochlorite ions (ClO⁻), temperature, and pH.

Reagentless analysis of Free Chlorine

Provides a wide continuous Chlorine measurement range: 0 - 20 mg/L

Integral temperature and pH sensors provide more accurate readings

Optional acidification (for cleaning) and intermittent flow accessories link in series so they only take up one sensor port controller

Compatible with multi-sensor, multi-parameter digital controllers

Specifikationer

Beskrivning:	9184sc Total Free Chlorine Amperometric Sensor
Detektionsgräns:	0.005 mg/L HOCl
Flöde:	14 L/h (200 - 250 mL/min) auto-regulated by flow through cell
Garanti :	24 månader
Kalibreringsintervall :	2 months
Kalibreringsmetod :	Zero calibration: electrically (automatic) or with de-chlorinated water
	Calibration: comparison of lab method with process sample
	pH calibration: single- or two-point using standards or comparison of lab method with process sample
Kapslingsklass:	IP66 / NEMA 4X
Lagringsförhållanden:	-20 °C - 60 °C
Mätintervall:	Continuous
Mätområde:	0 - 20 mg/L HOCl
Mätprincip:	Amperometric/Membrane (electrode, membrane, electrolyte)
Monteringsform:	Flat, vertical surface (panel, stand, etc.)
Noggrannhet:	2% or ±10 ppb HOCl, whichever is greater at pH <8
Omgivningstemperatur:	0 - 45 °C

Parameter:	Total Free Chlorine: Sum of hypochlorous acid, hypochlorite and free chlorine
pH-område:	4 - 8 pH, acidification unit available for pH >8
Provintag:	0.25" outer diameter
Provtemperatur:	2 - 45 °C
Provutlopp:	0.5" inner diameter
Relativ luftfuktighet:	0 - 90 % non-condensing
Responstid :	90 % in less than 90 seconds
Standard deviation:	0.7 %
Störningar:	No interference from chloramines.
	Chlorine dioxide and ozone interfere with measurement.
Temperaturkompensation:	Automatic over sample temperature range
Tryckområde:	0.1 - 2 bar in flow cell
Underhållsintervall:	Measurement cell: 6 months for membrane and electrolyte for typical application
	pH: 1 - 1.5 years for typical application
Vad ingår i leveransen:	9184sc Chlorine Sensor Panel with pH Sensor, Membranes and Electrolyte and Manual.
Vikt :	6,5 kg

Vad finns i förpackningen

9184sc Chlorine Sensor Panel with pH Sensor, Membranes and Electrolyte and Manual.

Obligatoriska tillbehör

- SC1000 probmodul för 4 givare, 4x 4 - 20 mA UT, relä, 110 - 240 VAC, EU-kabel (Item LXV400.99.2R121)
- SC1000 displaymodul (Item LXV402.99.00001)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99A11551)
- SC4500-styrenhet, Claros-kompatibel, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99AA1551)
- SC4500-styrenhet, Claros-kompatibel, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, EU-stickkontakt (Item LXV525.99CA1551)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 1 digital givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99A11501)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 2 digitala givare, 24 VDC, utan stickkontakt (Item LXV525.99Z11551)