

CLT10 sc Total chlorine sensor, pH combination sensor (on panel)

Produktnr: **LXV45B.98.22022**

SEK Pris: Kontakta oss
Skickas inom 2 veckor

CLT10 sc: Total reagentless chlorine sensor

Total chlorine sensor with pH combination sensor (on panel)

The CLT10 sc Total Chlorine Analyser measures total chlorine continuously for real time process control. It is based on amperometric technology and is fully compatible with all of Hach's digital controllers. The CLT10 sc can be used in most municipal and industrial applications, and is best utilised where waste stream management is a constraint. Hach‘s self diagnostics alerts you when the process has changed or the instument needs servicing.

Diagnostic features include the Cal Watch algorithm for warning of pH and chlorine calibration deviation and a non-contacting sample flow sensor for notification of insufficient sample flow. All warnings are easy to configure.

Compatible with Hach's "Plug and Play" Digital Controllers
The CLF10 sc and CLT10 sc Chlorine Analysers are designed to be used with all Hach digital SC controllers. Set up is fast and easy, and the system is compatible with the full line of Hach digital sensors.

No Reagent Replacement, No Waste Stream
Chlorine measurement with the CLF10 sc and CLT10 sc amperometric technology eliminates the need for routine reagent replacement and waste stream management.

EPA Compliance
The CLF10 sc and CLT10 sc analysers can be used for reporting chlorine residual measurements in accordance with EPA Method 334.0. Additionally, Hach has created a suite of laboratory products and methods to help with startup and quality control procedures required for Method 334.0.

Advanced Diagnostics
CLF10 sc and CLT10 sc advanced diagnostics alert you when the process has changed or the instument needs servicing. Diagnostic features include the Cal Watch algorithm for warning of pH and chlorine calibration deviation and a non-contacting sample flow sensor for notification of insufficient sample flow.

Real-time Process Monitoring and Control
The CLF10 sc and CLT10 sc Chlorine Analysers allow for real-time monitoring and control of disinfection processes.

Specifikationer

Anslutning, dräneringsledning:	½" ID
Anslutning, provledning:	¼" OD
Beskrivning:	CLT10sc Total Chlorine Sensor, pH combination sensor (On Panel)
Certifieringar :	CE compliant for conducted and radiated emissions:

	- CISPR 11 (Class A limits)
	- EMC Immunity EN 61326-1 (Industrial limits)
	Additional certifications when connected to an sc controller
Detektionsgräns:	30 ppb (0.03 ppm)
Dimension:	Sensor Only: 195 mm x 25 mm (7.68 in x 0.98 in)
Flödeshastighet:	Metric
Garanti :	24 månader
Instrument:	Panel only
Instrumentkompabilitet:	SC200, SC1000, SC4500. All controllers sold separately
Kabelanslutning :	5 pin, M12 connector
Kabellängd:	1 m (between gateway and SC controller)
Kalibreringsmetod :	1-point or 2-point (zero and slope) calibration
Lagringsförhållanden:	-20 °C to 60 °C dry
Längd:	Sensor: 195 mm
Material:	Panel: Corrosion-resistant, fully-submersible (stainless steel, PVC, silicon rubber and polycarbonate)
Mätmetod:	Reagentless, electrochemical, three-electrode amperometric system
Matningskrav (Spänning):	None
Mätområde:	0 - 20 ppm Cl_2
Monteringsform:	Panel or Wall Mounting
Noggrannhet:	Total Chlorine: ± 20 % of the reference test** (DPD) at stable pH greater than 8.5
Omgivningstemperatur:	0 - 45 °C
Option:	Combination pH Sensor
Parameter:	Total Chlorine
pH Monitoring Required?:	with pH Combination
pH-område:	4 - 9 pH
Provflödeshastighet:	30 - 50 L/h, optimal is 40 L/hour
Provtemperatur:	5 - 45 °C
Repeterbarhet:	30 ppb eller 3%, beroende på vilket som är störst
Responstid :	Free Chlorine: 140 s or less for 90% change (T90)
	at a stable temperature and pH
Störningar:	Free chlorine: monochloramine, chlorine dioxide, ozone, and chalk deposits.
	Total chlorine: chlorine dioxide, ozone and chalk deposits
Temperaturkompensation:	Internal temperature compensation in the sensor
Tryckområde:	0.5 bar, no pressure impulses and/or vibrations
Vad ingår i leveransen:	CL10sc Panel, 1 m Digital Extension Cable, pH Combination Sensor, Panel Manual, Chlorine Sensor Manual, pH Combination Sensor Manual
Vikt :	Approximately 5.5 kg
	Panel and empty panel-mounted components only
Width:	495.3 mm

Vad finns i förpackningen

Obligatoriska tillbehör

- 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)