



CLF10 sc Szabad klór mintavétel

Termékszám:	LXV45A.98.21022
HUF Ár (nettó):	Elérhetőségünk
Elérhető	

CLF10 sc: Free reagentless chlorine sensor

Szabad klór érzékelő mintavétellel (panelen)

The CLF10 sc Free Chlorine Analyser measures free 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 CLF10 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 instrument 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.

Disinfection under control

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Minimal operation costs

The amperometric sensors monitor chlorine concentration continuously without reagents. There is no need to replace reagents nor to manage disposal. This saves time and keeps operation costs at a low level.

Plug and play

The sensors are designed for all Hach digital SC controllers so you only need one controller for all measurements. They are easy to operate, no matter if measuring turbidity or chlorine. Hach SC controllers have no complicated wiring or setup procedures. Just plug in any Hach digital sensor and it's ready to use without software configuration.

Real-time process control

Continuous readings indicate when treatment conditions have changed allowing CLT10 sc and CLF10 sc a real-time control of disinfection processes.

EPA compliant according to Method 334.0

In accordance with the US EPA Method 334.0, the sensors can be used for reporting chlorine residual measurements.

A doboz tartalma:	Free chlorine sensor, chlorine sensor block, SC Gateway, stainless steel panel and pH flow cell for grab samples
Anyag:	Panel: Corrosion-resistant, fully-submersible (stainless steel, PVC, silicon rubber and polycarbonate)
Áramellátási követelmények (feszültség):	12 V DC $\pm$ 10%, 100 mA maximum (supplied by SC controller)
Átmérő:	25 mm
Csatlakozó:	Metric
Detektálási határ:	30 ppb (0.03 ppm)
Felszerelési mód:	Flat, vertical surface
Garancia:	24 hónap
Hőmérséklet kompenzáció:	Internal temperature compensation in the sensor
Hossz:	Sensor: 195 mm
Includes:	Free chlorine sensor, chlorine sensor block, SC gateway, stainless steel panel and pH flow cell for grab samples
Interferenciák:	Free chlorine: monochloramine, chlorine dioxide, ozone, and chalk deposits. Total chlorine: chlorine dioxide, ozone and chalk deposits
Ismételhetőség:	30 ppb or 3%, amelyik nagyobb
Kábel csatlakozás:	5 pin, M12 connector
Kábel hossz:	1 m (between gateway and SC controller)
Kalibrációs módszer:	1-point or 2-point (zero and slope) calibration
Lefolyócső csatlakozás:	1/2 in ID
Mérés módszer:	Reagentless, electrochemical, three-electrode amperometric system
Méréstartomány:	0 - 20 ppm Cl ₂
Méreték:	Sensor Only: 195
Méreték (MxSZxM):	483 mm x 495 mm x 151 mm
Minta hőmérséklet:	5 - 45 °C
Mintaáram:	30 - 50 L/h, optimal is 40 L/hour
Mintavezeték csatlakozás:	1/4 in OD
Működési hőmérséklet tartomány:	0 - 50 °C (assured temperature compensation up to 45 °C)
Nyomástartomány:	0.5 bar, no pressure impulses and/or vibrations
Paraméter:	Free Chlorine
pH tartomány:	4 - 9
Pontosság:	Total Chlorine: $\pm$ 10 % of the reference test (DPD) at stable pH less than 8.5 ($\pm$ 0.5 pH unit from the pH at calibration)
Precizitás (RDS):	Free Chlorine: $\pm$ 3 % of the reference test (DPD) at constant pH less than 7.2 ($\pm$ 0.2 pH unit)
Súly:	Approximately 5.5 kg (12 lbs) Panel and empty panel-mounted components only
Szállítási tömeg:	Kb. 9.1 kg
Tanúsítványok:	CE/ETL, EMC
Tárolási feltételek:	-20 °C - 60 °C dry
Válaszidő :	Свободен хлор: 140 s секунди или по-малко при 90 % промяна (T90) при стабилна температура и pH
Vezérlő:	Panel only
Vezérlő kompatibilitás:	SC200, SC1000, SC4500. All controllers sold separately
Width:	495.3 mm

A doboz tartalma

Free chlorine sensor, chlorine sensor block, SC Gateway, stainless steel panel and pH flow cell for grab samples