

Automatic water sampler for North America Liquistation CSF34

Fully automatic sampling in water,
wastewater and industrial applications



More information and current pricing:

www.cz.endress.com/CSF34

Benefits:

- Automatic water sampling in full compliance with US and Canadian regulations and the ISO 5667 standard
- 100% adaptable to any monitoring task from time- or flow-controlled sampling to event-controlled sampling
- By connecting up to four Memosens sensors, the sampler can be upgraded to a fully-fledged measuring station (e.g. for event monitoring)
- Offers all the benefits of the Liquiline platform, such as uniform operation of all devices, easy expandability and reduced need for spare part stock thanks to standardized components
- Fully integrable in any process control system thanks to digital fieldbus communication and remote access via web server
- Quick cleaning and maintenance thanks to easy, tool-free removal of wetted parts
- Heartbeat Technology enables status-oriented maintenance of the device, saving resources and costs

Specs at a glance

- **Functions** Stationary sampler
- **Suction height** 8m (26.25ft)
- **Cabinet** Plastic ASA+PC
- **Process temperature** Sample temperature 2 to 50°C (36 to 122°F)
- **Process pressure** max 0,8bar (11.6PSI)

Field of application: Sampling made safe and easy. Liquistation CSF34 complies with North American water regulation and features a fail-safe cooling system and vandalism-proof housing guaranteeing outstanding safety for your samples. Easy, menu-guided sample programming and tool-free maintenance save you time in your everyday tasks. Liquistation can be upgraded to a complete measuring station for modern environmental monitoring at any time giving you the flexibility to address future demands.

Features and specifications

Watersampler

Measuring principle

Sampler

Functions

Stationary sampler

Application

Sampling from liquids

Dosing systemVacuum pump system
Peristaltic pump system**Suction height**

8m (26.25ft)

Installation

all weather outdoors

Cabinet

Plastic ASA+PC

Distribution

possible

Process temperature

Sample temperature 2 to 50°C (36 to 122°F)

Watersampler

Cooling

active, dynamic cooling unit

Process pressure

max 0,8bar (11.6PSI)

Heating

Evaporator and defrosting unit mounted in compact housing

Input

Analogue: 2, galvanically isolated

Binary: 2, galvanically isolated

Optionl: 1 to 4 digital sensor inputs

Output / communication

Binary: 2, galvanically isolated

Optionl: 2 to 6 relay, 2 to 6 current outputs

Interface

CDI

Optional Ethernet, PROFIUS DP, Modbus RS485, Modbus

TCP

Data logger

All events and data

Sampling statistics

Power supply

100 to 120/200 to 240 VAC +-10%, 50/60Hz

Dimension

1258 x 753 x 625 mm (h x b x t)

49.5 x 29.7 x 24.6 inch (h x w x d)

Weight

101kg

223lbs

Watersampler

Accessories

Dosing system

Housing equipment

Electrical equipment

Options

Interface to digital sensors

Fieldbuscommunication

More information www.cz.endress.com/CSF34