SC4200c Controller, North American Cellular Modem, Profibus, 1 digital Sensor, w/o plug

Product #: **LXV524.99.01710**

OBSOLETE ITEM
This item is no longer available.

Hach's new SC4200c controller gives you total control of your wastewater process. The SC4200c enables communication for Mobile Sensor Management (MSM). Mobile Sensor Management provides clarity through easy access to crucial information, helping you manage your process and be proactive in your maintenance.

Data Access from Anywhere
Get easy access to crucial information, helping you manage your process and be proactive in your maintenance.

Anytime. Anywhere.

Always at a Glance: Measurement and Sensor Health
Be confident of your sensor health and measurement results with easy to understand colour-coded LEDs and remote diagnostics providing you with actionable information including errors and warnings.

Fast and Intuitive Operation
Intuitive menu options allow you to calibrate your instruments quickly – helping you to easily set up your systems and optimise your processes. Using any internet-enabled device, this can be done from wherever you are.

Specifications

Altitude:	2000 m maximum
Analogue Output Functional Mode:	Linear, PID
Analogue Outputs:	None
Cellular:	3G/4G US AT&T
Communication Capabilities:	Profibus DPV1 card
Compatible Instruments:	Ammonium: Amtax sc, AN-ISE sc, A-ISE sc Nitrate: Nitratax sc, N-ISE sc, Nitratax clear/eco/plus sc Phosphate: Phosphax sc, Phosphax sc LR Organics: Uvas sc pH/ORP: pHD sc, 1200-S sc, 8362sc Conductivity: 3700sc, 3798-S sc, 3400sc Ozone: 9185sc Dissolved Oxygen: LDO 2 sc

	Chlorine: CL10sc, CL17sc, 9184sc
	Chlorine dioxide: 9187sc
	Suspended Solids: Solitax sc, TSS sc
	Sludge Level: Sonatax sc
	Turbidity: TU5300sc/TU5400sc, Ultraturb sc, SS7 sc
Compatible network technologies:	GSM 3G/4G (e.g. AT&T, T-Mobile, Rogers, Vodafone etc.)
	CDMA (e.g. Verizon)
Compliance Certifications:	CE approved (with all sensor types). Listed for use in general locations to UL and CSA safety standards by ETL (with all sensor types).
	Certain AC mains powered models are listed for use in general safety locations to UL and CSA safety standards by Underwriters Laboratories (with all sensor types).
Conduit Openings:	½" NPT conduit
Description:	Microprocessor-controlled and menu-driven controller that operates the sensor.
Dimensions:	½ DIN - 144 x 144 x 192 mm (5.7 x 5.7 x 7.6 in.)
Display:	None
Enclosure rating:	NEMA 4X/IP66 metal enclosure with a corrosion-resistant finish
Installation category:	Category II
Manual Languages:	Danish, Dutch, English, French, German, Italian, Spanish
Material Enclosures:	Polycarbonate, aluminum (powder coated), stainless steel
Measurements:	Two device digital SC connectors
Mounting:	Wall, Pole, or Panel Mounting
Network connectivity:	LAN version: Two Ethernet connectors (10/100 Mbps), switch function, M12 female D-coding connector.
	Cellular version: SIM card holder (3G/4G).
	The type of connection is dependent on controller configuration.
Operating temperature range:	LAN version: -20 - 60 °C
	Cellular version: -20 - 55 °C
Output Opportunities:	Five 4-20 mA analog outputs on each analog output module
Outputs:	Profibus DP
Pollution Degree:	2
Power Options:	100 - 240 VAC, no power cord
Protection Class:	I, connected to protective earth
Relay: Operational mode:	Primary or secondary measurement, calculated value (dual channel only) or timer
Relays:	High voltage:
	Two relays (SPDT)
	Maximum switching voltage: 250 VAC
	Maximum switching current: 5 A (resistive only load)
	Maximum switching power: 1250 VA, 125 W (resistive only load)
	Wire gauge: 0.75 to 2.5 mm^2 (18 to 12 AWG)

	Low voltage: Four relays on each low voltage relay module
Sensor Input #1:	Digital
Sensor Input #2:	None
Sensors:	1 x Digital Sensor
Storage conditions:	-20 - 70 °C, 0 - 95% relative humidity, non-condensing
USB Port:	Used for data download and software upload. The controller records approximately 20,000 data points for each connected sensor.
Weight:	1.7 kg (controller only, w/o modules)