



Be Right™



SC4200c Controller, Profibus, 2 digital Sensors, w/o plug

Product #: LXV524.99.00720

GBP Price: Contact Us

Ships within 1 week

The next generation controller

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.

This instrument connects to Claros, Hach's innovative Water Intelligence System, enabling you to seamlessly connect and manage instruments, data, and process – anywhere, anytime. The result is greater confidence in your data and improved efficiency in your operations. To unlock the full potential of Claros, insist on Claros Enabled instruments.

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
Communication (optional):	Profibus DPV1 card
Communication capabilities:	Profibus DPV1 card
Compatible instruments:	Ammonium: Amtax sc, AN-ISE sc, A-ISE sc
	Nitrate: Nitratax sc, N-ISE sc
	Phosphate: Phosphax sc
	Organics: UVAS sc

	pH: pHD sc
	pH/ORP: pHD sc, 1200-S sc
	Conductivity: 3798-S sc
	Dissolved Oxygen: LDO 2 sc
	Suspended Solids: Solitax sc
	Sludge Level: Sonatax 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 waterproof 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:	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:	Five 4-20 mA analogue outputs on each analogue output module
Pollution degree:	2
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100 - 240 V AC
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 mm² (18 to 12 AWG)

Low voltage:

Four relays on each low voltage relay module

Sensor input:

Digital

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.

Warranty:

2 years

Weight:

1.7 kg (controller only, w/o modules)