



## SC 200 Controller replacement only

**Product #:** LXV404.99.00001  
**ZAR Price:** Contact Hach

### One Controller for the Broadest Range of Sensors

#### One controller for the broadest range of applications

- Hach offers the broadest range of sensors to meet your measurement needs.
- One controller for 24 different sensors, 13 different parameters.
- The SC200 Universal controller is suitable for use in Class I Div. 2 applications and is available in 20 languages.

#### Maximum Versatility and Flexibility

- Standardized controller eliminates the need for a variety of different controllers
- Multi-channel controller operates either 1 or 2 sensors reducing inventory holding costs and providing an inexpensive option to add a second sensor at a later time
- Up to five 4 - 20 mA outputs are available for multiple measured or calculated values
- “Plug and Play” operation with the Hach digital sensors

#### Ease of Use and Confidence in Results

- New display and guided calibration procedures reduce potential operator error
- Password protected SD card reader offers a simple solution for quick data download and transfer of controller and sensor setup
- Visual warning system provides critical alerts

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## Specifications

Analogue Output Functional Mode:	Linear, logarithmic, bi-linear, PID
Analogue Outputs:	Two (Five with optional expansion module) to isolated current outputs, max 550 $\Omega$ , Accuracy: $\pm 0.1\%$ of FS (20mA) at 25 $^{\circ}\text{C}$ , $\pm 0.5\%$ of FS over -20 $^{\circ}\text{C}$ to 60 $^{\circ}\text{C}$ range
	Operational Mode: measurement or calculated value
Communication:	Standard (2x 4-20 mA outputs)
Communication Capabilities:	Standard (2x 4-20 mA outputs)
Communication: digital:	Modbus RS232/RS485, Profibus
Conduit Openings:	1/2" NPT Conduit
Dimensions (H x W x D):	144 mm x 144 mm x 181 mm

Display:	Graphic dot matrix LCD with LED backlighting, transreflective
Display Resolution:	240 x 160 pixels
Display Size:	48 x 68 mm
Electrical Certifications:	EMC - Certified CE compliant for conducted and radiated emissions (EN 50081-2) and immunity (EN 61000-6-2);General purpose - UL through ETL;Class I, Div. 2 (Groups. A, B, C, and D) - CSA (pending)
Enclosure rating:	IP67 / NEMA 4X
Length:	181 mm
Manual Languages:	Bulgarian, Chinese (PRC), Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Lithuanian, Polish, Portuguese (Brazil), Portuguese (Portugal), Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish
Material Enclosures:	Polycarbonate
	Aluminium (powder coated)
	Stainless steel
Mounting Configurations:	Wall
	Pole
	Panel Mounting
Operating temperature range:	-20 - 60 °C at 0 - 95% RH (non-condensing)
Power requirements (Hz):	50 - 60 Hz
Power requirements (Voltage):	100 - 240 VAC
Power supply:	100-240 V AC (no power cord)
Relay functions:	Scheduler (timer), alarm, feeder control, event control, pulse width modulation, frequency control, and warning
Relay: Operational mode:	Primary or secondary measurement, calculated value (dual channel only) or timer
Relays:	Four electromechanical SPDT (Form C) contacts, 1200 W, 5 A
Security levels:	2 password-protected levels
Sensor Input #1:	None
Sensor Input #2:	None
Storage conditions:	-20 °C to 70 °C
Warranty:	24 months
Weight:	1.70 kg