

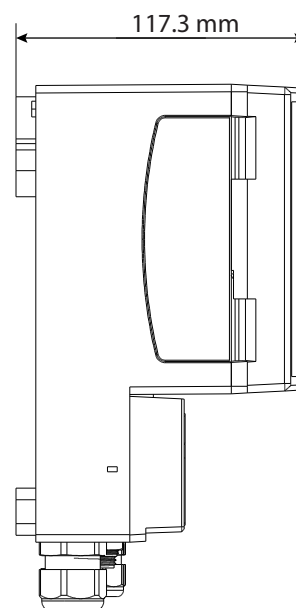
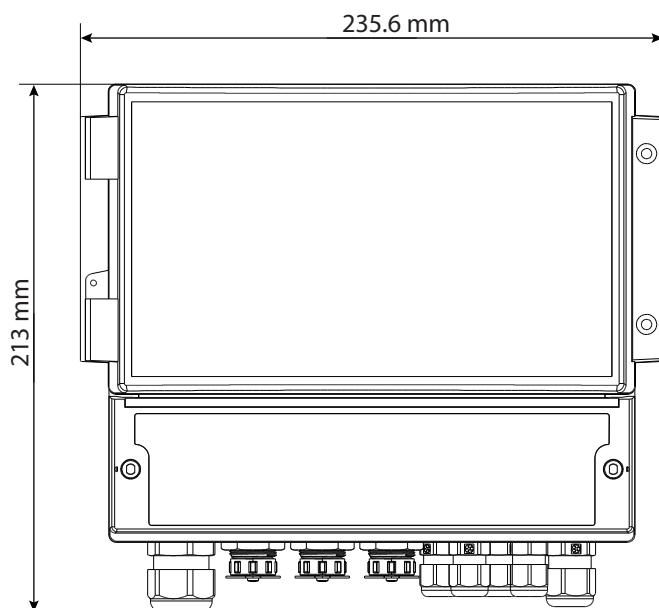
FEATURES

- Low-cost terminal for control applications
- Power-efficient LCD display and ergonomic UI
- Sensor and station management of up to 2 (eco) or 6 (pro) parameters
- Control of automatic cleaning, data logging, sample & calibration, sensor function check and easy data transfer via USB-stick
- Process interface to SCADA or con::cube via Modbus RTU, Profibus DP, analog 4–20 mA and relay outputs (state/PWM/Pulse)
- Integration of third-party sensors via analog and digital I/Os
- Outstanding control features: easy threshold and alarm limits with hysteresis, 3 opt. PID or 2-point controllers
- Certifications: CE, UL, CSA and RCM



RECOMMENDED ACCESSORIES

Part Number	Article Name
C-31-eu	Optional 2 m power cable
C-32-V3	Adapter cable to connect a V3 spectrometer (M12) to V2 Terminal (MIL Plug)
D-319-logger	Datalogger option for con::lyte
D-319-out-profibus	Profibus (output module for con::lyte)
D-320-PID	3 × PID control output for con::lyte D-320
D-320-out-mA	License for 3 analog outputs (4–20 mA) for con::lyte pro
D-319-out-mA	2 × 4–20 mA (output module for con::lyte)



TECHNICAL SPECIFICATIONS

Display	LCD
Function Indicator	2 × LED
Operation Via	Keypad
Onboard Memory	512 MB
Interface to SCADA	Modbus RTU (optional), Profibus DP (optional), analog outputs
Data Transfer	USB stick
Power Supply	100–240V AC (50–60 Hz)
Power Consumption (Max.)	25 W
Analog Inputs	1 × 0/4–20 mA
Outputs for Automatic Cleaning	1 (2nd cleaning device via relay output)
Digital Inputs	2
Digital Input Flow Detector	1
Relay Outputs	2 × 6A (600V AC)
System Error Relay	1 × 6A (600V AC)
Dimensions (Width X Height X Depth)	235.6 × 213 × 117.3 mm
Housing Material	PC
Weight (Min.)	1300 g
Operating Humidity	5 to 90 %
Storage Temperature	–20 to 50 °C
Storage Humidity	5 to 90 %
Ingress Protection Class	IP65
Conformity - EMC	EN 61326-1
Conformity - Safety	EN 61010-1
Conformity - RoHS 2	EN 50581

con::lyte eco (2 parameter)	
Integration of	1 × i::scan, s::can sensor or s::can ISE probe
Interface to s::can sensors	1 × sys plug, RS485
Analog Outputs	2 × 4–20 mA
Operating Temperature (eco)	–20 to 45 °C
Part Number 230V	D-320-eco-230
con::lyte pro (6 parameter)	
Integration of	pro1: i::scan, s::can sensors/ISE probes; pro2: s::can G::series, i::scan, s::can sensors/ISE probes
Interface to s::can Spectrometric Probes	D320-pro2: 1 × MIL, RS485
Interface to s::can Sensors	D-320-pro1: 3 × sys plug, RS485 D-320-pro2: 2 × sys plug, RS485
Analog Outputs (Optional License)	3 × 4–20 mA
Analog Outputs (Optional Module)	2 × 4–20 mA / 4 × 4–20 mA
Operating Temperature (pro1)	–20 to 45 °C
Operating Temperature (pro2)	–20 to 50 °C
Part Number 230V	D-320-pro1-230, D-320-pro2-230