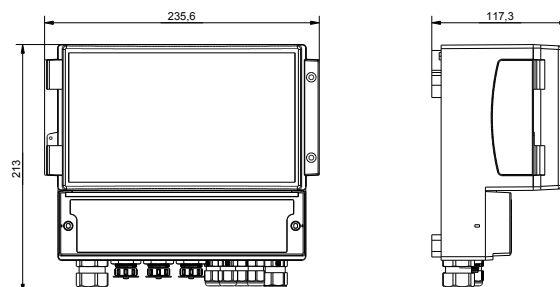


con::lyte

- 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



technical specification

display	LCD
function indicator	2 x 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	100-240 VAC (50-60 Hz)
power consumption (max.)	25 W
analog inputs	1 x 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 x 6A (600 VAC)
system error relay	1 x 6A (600 VAC)
dimensions (width x height x depth)	235.6 x 213 x 117.3 mm
housing material	PC
weight (min.)	1300 g
operating humidity	5 ... 90 %
storage temperature	-20 ... 50 °C
storage humidity	5 ... 90 %
ingress protection class	IP65
conformity - EMC	EN 61326-1
conformity - safety	EN 61010-1
conformity - RoHS 2	EN 50581

con::lyte eco (2 parameters)

integration of	1 x i::scan, s::can sensor or s::can ISE probe
interface to s::can sensors	1 x sys plug, RS485
analog outputs	2 x 4-20 mA
operating temperature (eco)	-20 ... 45 °C
part number 230V	D-320-eco-230

con::lyte pro (6 parameters)

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 x MIL, RS485
interface to s::can sensors	D-320-pro1: 3 x sys plug, RS485 D-320-pro2: 2 x sys plug, RS485
analog outputs (optional license)	3 x 4-20 mA
analog outputs (optional module)	2 x 4-20 mA / 4 x 4-20 mA
operating temperature (pro1)	-20 ... 45 °C
operating temperature (pro2)	-20 ... 50 °C
part number 230V	D-320-pro1-230, D-320-pro2-230

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 x 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 x 4 - 20 mA (output module for con::lyte)