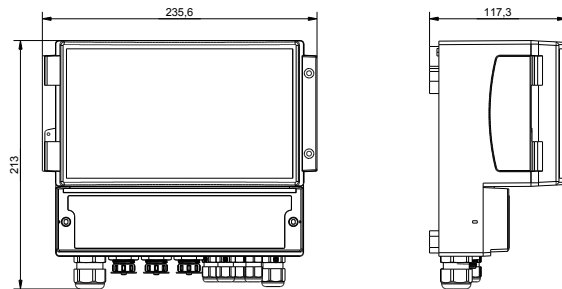# con::lyte

- s::can terminal
- operation of up to 3 s::can sensors / probes
- display up to 2 (eco) or 6 (pro) parameters
- setup and calibration of all s::can monitoring systems
- ergonomic user interface
- interface to SCADA via 0/4-20 mA analog outputs, optional: modbus RTU or profibus DP
- digital in- and outputs (PULSES or PMW), analog input
- control of cleaning valves
- logbook available
- optional: integrated datalogger
- optional: PID control (max. 3)
- 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 or Profibus DP (optional)
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 normal digital 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 temperature	-20 ... 50 °C
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 (IP67), RS485
analog outputs	2 x 4-20 mA
part number 230V	D-320-eco-230

con::lyte pro (6 parameters)	
integration of	D-320-pro1: i::scan, s::can sensors, s::can ISE probes D-320-pro2: s::can G::series, i::scan, s::can sensors, s::can ISE probes
interface to s::can spectrometric probes	D320-pro2: 1 x MIL (IP67), RS485
interface to s::can sensors	D-320-pro1: 3 x sys plug (IP 67), RS485 D-320-pro2: 2 x sys plug (IP 67), RS485
analog outputs (optional license)	3 x 4-20 mA
analog outputs (optional module)	2 x 0/4-20 mA or 4 x 0/4-20 mA
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
D-319-logger	Datalogger option for con::lyte
D-319-out-profibus	Profibus (output module for con::lyte)
D-319-out-mA	2 x 0/4 - 20 mA (output module for con::lyte)
D-319-out-modbus	Modbus/RTU (output module for con::lyte)
D-320-PID	1 PID control output for con::lyte D-320
D-320-out-mA	license for 3 analog outputs (4-20 mA) for con::lyte pro