MCA800

Unit for the measurement of pH, Redox, turbidity, suspended solids, conductivity, dissolved oxygen

2 independent Analytical measurements
2 analog output 4+20mA
5 fully configurable relay
2 open collector digital output
Datalogger via Pen Drive USB (optional)

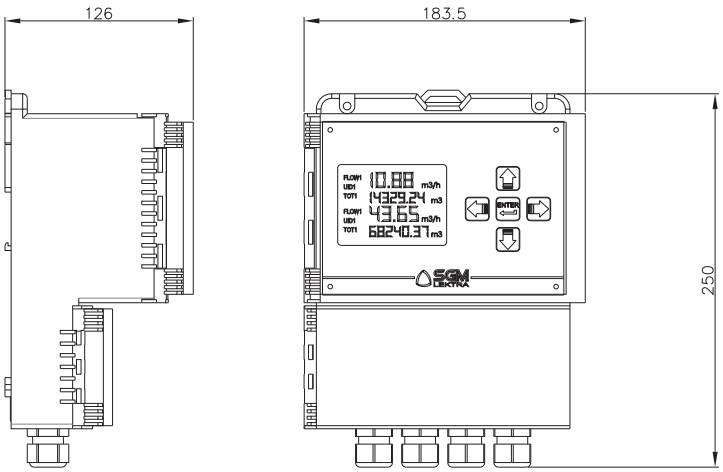
MCA800 unit suitable for Analytical in wastewater plants. MCA800 can be connected to SGM-LEKTRA digital Analytical sensors for the measurement of pH, Redox, turbidity, suspended solids, conductivity, dissolved oxygen. MCA800 is suitable for direct connection of up to 2 digital Analytical sensors via MODBUS RTU.

Technical Feature

Housing material
ABS
Mechanical installation
Wall, pipe or DIN rail mounting
Protection degree
IP66
Keyboard
5 push buttons
Display
320x240 matrix color LCD with backlight
Electrical connection
Internal connectors
Working temperature
-20 + +60°C

Power supply
85÷265 Vac; 20÷30Vdc/Vac
Power consumption
Max. 10W
Analog output
n.2 configurable isolated 4+20mA
Relays output
n.5 fully configurable relay (5A 250Vac)
Digital output
n.2 open collector (max. 24Vdc 50mA)
Digital communication
MODBUS RTU
Datalogger
on Pen Drive USB; max.32GB (FAT32)

Matching sensors
104C - PH
114C - Conductivity
114CH - High Conductivity
164CH - High Turbidity
164CL - Low Turbidity
164CU - Suspended Solids
324C - Dissolved Oxygen
604C - Redox



MCA800 Control unit for analytical digital probes

Can accept up to 2 MODBUS RTU sensors
[pH, Redox, turbidity, suspended solids (only 1), conductivity, dissolved oxygen]
Matrix 320 x 240 backlit color LCD display
5 calibrating push-buttons
5 relays with change over contact (SPDT)
Wall or DIN rail mounting
Output: 2 optoisolated 4÷20mA + 2 optoisolated open collector
Slave MODBUS RTU port for data transmission
IP66 mechanical protection - temperature range : -20 ÷ +60°C

	Version	
	A	Standard with data logger
	C	Standard without data logger
	Z	Special
	Power supply	
	1	85÷265Vac 50÷60Hz
	4	20÷30Vdc/Vac (not for the connection with 164CU - Suspended Solids)