



(240 x 197 x 92 mm)

La serie eSelect M è uno strumento di misura multifunzione ad una (M1), due (M2) o tre (M3) parametri di misura, adatto per misurare pH, Rx (Redox), CLORO libero (residuo), CLORO totale e conducibilità.

La gamma eSelect M, unitamente alle prestazioni e alle funzioni di alta qualità, presenta diverse caratteristiche e funzionalità che la rendono versatile e facile da usare.

- pH e Rx possono essere selezionati sullo stesso modello mediante una semplice programmazione e utilizzando la relativa sonda;
- La misura del cloro libero o totale può essere scelta in base al tipo di sensore utilizzato ed al relativo range di misura:
 - sensori a membrana ionicoselettivi con campi operativi 0-2 Cl ppm; 0-20 Cl ppm; 0-20 Cl ppm (totale);
 - cella amperometrica aperta (modello CLC) con intervallo di misura 0-10 Cl ppm
- Programmazione delle uscite AUX temporizzate; Modalità timer regolabile; programmazione del tempo di accensione.
- Predisposizione alla connessione per software EtaCloud; accessorio opzionale: connectivity Kit

(240 x 197 x 92 mm)

The eSelect M is a multi-function measuring instrument featuring one (M1), two (M2) or three (M3) measurement parameters suitable for measuring the pH, Rx (Redox), Free CHLORINE (Residual), Total CHLORINE and Conductivity.

The eSelect M range, along with high quality performances and advanced functions, offers several characteristics that make it versatile and easy to use.

- PH and Rx can be selected on the same model by simply programming and using the related probe;
- Free or Total Chlorine measure may be chosen on the basis of the type of sensor used and the relative measuring range:
 - ion-selective membrane sensors with measure ranges 0-2 Cl ppm; 0-20 Cl ppm; 0-20 Cl ppm (Total);
 - open type amperometric cell (model CLC) with measure range 0-10 Cl ppm
- Timed AUX outputs programming; Adjustable timer mode; switch-on time programming.
- Suitable for software EtaCloud connection; optional accessory: connectivity kit

ETA CLOUD



Il software EtaCloud supporta il controllo remoto di tutti i parametri operativi e di programmazione dei controller eSelect-M.

In questo modo l'utente, tramite smartphone, tablet o PC, può eseguire tutte le operazioni di monitoraggio e controllo dal dispositivo connesso a Internet esattamente come se si trovasse di fronte al controller.

Il software invia – via email - all'operatore gli allarmi e le modifiche di stato, abilitando così il servizio tecnico da remoto.

The EtaCloud software supports remote control of all operating and programming parameters of the eSelect-M controllers.

This way, the user may operate via Smartphone, Tablet or PC, performing all operations from an internet connected device exactly as if he was really in front of the controller. The software emails the operator the alarms and status modifications, thus enabling remote technical service.

CONNECTIVITY KIT

La connessione con EtaCloud avviene grazie al Connectivity Kit (non incluso con lo strumento), che consiste in un cavo RS485/USB, un modulo esterno ed un alimentatore da 5V.

The eSelect-M series is suitable to be connected with the Etacloud thanks to the connectivity kit (to be purchased separately). It consists of a connect the RS485 / USB cable supplied with the instrument to the external module.

	pH(Rx)	eSelect M1 CI	CD	CD COOL	eSelect M2 pH-CD	pH-Cl	pH-Rx	eSelect M3 pH-Rx-Cl
Measure parameters		1			2			3
<i>Level probe input</i>		1			2			3
<i>Set-point output relay</i>	23		4					4
<i>mA output</i>				2				3
<i>Auxiliary output</i>	11		✗					3
<i>Alarms output</i>					✓			
<i>RS485 Connection</i>	✓		✗			✓		
<i>Proximity switch input</i>					✓			
<i>Temperatures sensor input PT100 or NTC</i>					✓			
<i>Integrated Timer</i>					✓			
<i>Standard power supply</i>					100/240V a.c. 50/60Hz			
<i>Powers supply or request</i>					12/24V			
<i>Connection Kit</i>	Optional		✗				Optional	

Setpoints	Relay outputs 1 - 2 - 3- 4	4 ON-OFF setpoints	Independent settings to start up metering pumps or peristaltic dispensers in constant mode or equipment with ON-OFF mode
		Set point	Adjusts the setpoint value (ON-OFF mode)
		Hysteresis	Selects a measurement range around the setpoint value, locking the output relays (ON-OFF)
		Acid – Alkaline pH Direct - Reverse Rx and CL	Selects the metering direction of the output relay
		Proportional modular pulse PWM mode	Proportional Time/Pause pulse outputs activate metering pumps or peristaltic dispensers with constant mode or ON-OFF equipment.
		Delay on setpoint value	Selects a delay time (max 999 sec adjustable) before activating the output relay.
	AUX Outputs Relay	The real-time clock controls remote appliances or devices connected to the AUX outputs in an accurate manner for programming minutes / hours / days / weeks.	
4-20mA1-2-3	mA devices outputs	Controls the data logger, PLC, recorder or devices suited to processing the mA signal	
	Setpoint metering	Controls mA metering pumps or devices suited to processing an mA signal	
Calibration	Calibration menu for pH and RX electrode (Redox)		
System settings	Flow sensor	Switches on or off the flow sensor input (proximity sensor)	
	Manual temperature	Selects the manual temperature offset. 0-100°C (Auto-Temp=OFF)	
	Temperature Offset	Offsets the temperature with the conductivity probe, therefore measuring the exact value against the current temperature.	
	RS485 /Ethernet	Remote control via external RS485 / ETHERNET module, Modbus protocol with ETACLOUD Software. The operator connects the unit via a PC, a smartphone or a tablet	