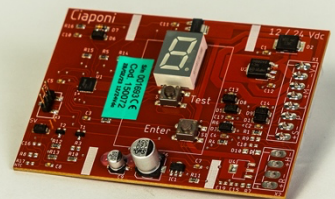
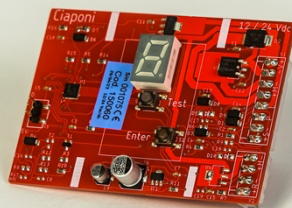




TIMER PROGRAMMING

for

EUR 3 PUMPS
1 | 2 | 4 and 8 Liters

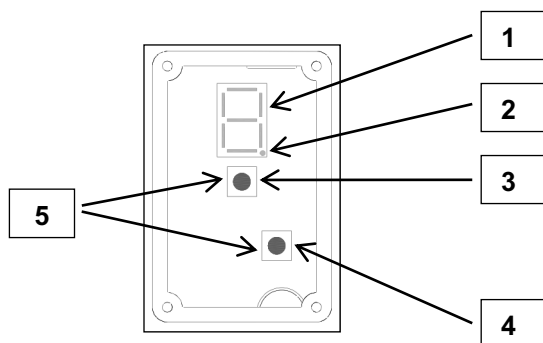


OPERATION MANUAL

OPERATING MANUAL - COMANDS

The table that follows describes the command-and-control devices of centralized lubrication systems with Pause/Operation timer and Pause/Sensor timer.

The figure shows the devices installed on the Timer.



The pump of versions without timer are electrically powered by the system that drives them. In this case, start and control instructions are described along with the management and control instructions of the machine where the system is installed.

Pos	Type	Description
1	Display	- It displays the parameters that have been set during the time setting procedure. - The display LEDs turn on in sequence during ordinary operation.
2	Led display	This LED turns on when the lubrication system is electrically powered.
3	Button TEST	To access the timer, it is sufficient to slightly press it next to "Push". If it is pressed during ordinary operation, it starts the set working cycle after performing a self-diagnostic check. At the end of the working cycle, the timer returns to the Automatic mode. If it is pressed during the timer programming, it enables to scroll the options.
4	Button ENTER	- If it is pressed for 3 seconds, it starts the digital programming procedure. - If it is pressed briefly during the programming mode, it enables to change the L (working) values.
5	Buttons ENTER - TEST	Pressing TEST and ENTER buttons simultaneously, in case of cycle start the pump stops.

TIMER PROGRAMMING

The sections that follow summarize the operations that need to be performed to digitally program the control timer.

It is useful to remember that if a power outage occurs, the timer saves the internal data in a digital memory that has no expiry. As soon as power is restored, the timer reloads the saved data and starts counting the time from the point and status in which it had interrupted its operation.

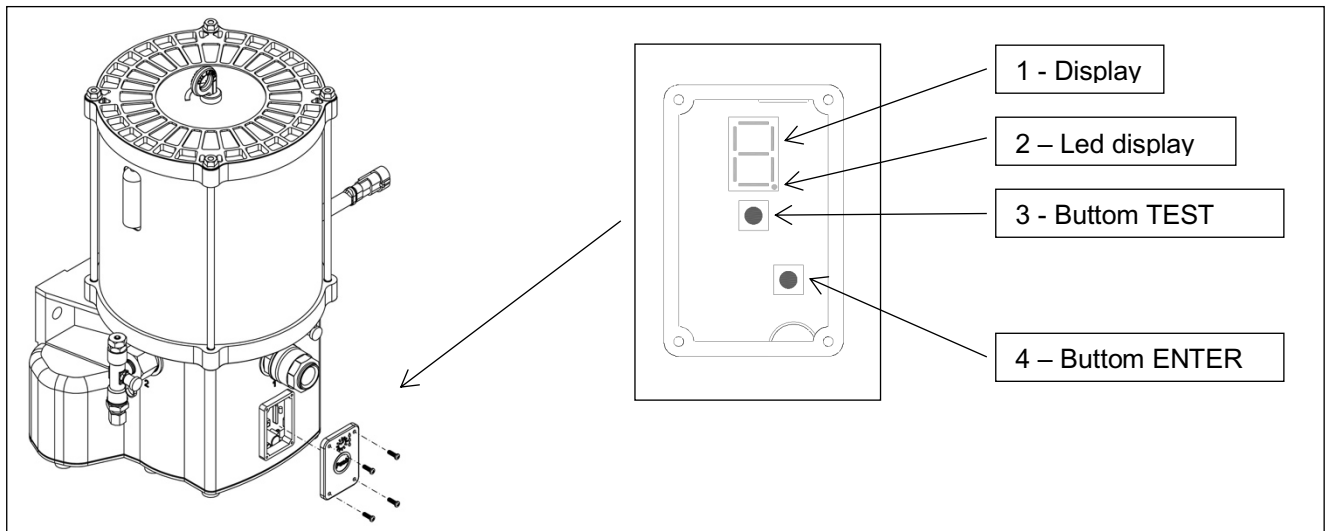


Figure 8

N°	Activity	Consequence
01	Loosen fixing screws and remove the cover to access the timer	This operation gives access to the timer for digital programming.
02	Press ENTER for 3 seconds	The display turns on and shows letter P (Pause).
03	Briefly press ENTER	The display shows the value set for parameter L (working time).
04	Press TEST to change the value of parameter L	Every time the button is pressed, the display shows in sequence the digits and letters of the pause time settings shown in the table.
05	Briefly press ENTER to confirm the setting	The displayed value is stored as current value for parameter L and the display shows once more letter L .
06	Press TEST to alternate the display of parameters P and L	The display shows letter L (working time). • NB: it is useful to remember that TEST enables to alternate the display of letters P or L .
07	Press the button ENTER briefly	The display shows the set value for parameter L .
08	Pressing the TEST button changes the value of parameter L	Every time the button is pressed, the display shows in sequence the digits and letters of the working time settings shown in the table.
09	Briefly press ENTER to confirm the selected setting	The displayed value is stored as current value for parameter L and the display shown once more letter L .
10	Press ENTER for 3 seconds	The display turns off and is ready to run with the new set parameters.

N°	Activity	Consequence
11	Reassemble the timer access cover and re-screw the securing screws	The pump is ready to work.



WARNING - Electropumps with control timers have the following default settings:

- Working time **L** = 5 sec

TABLE WITH TIME SETTINGS

• WORK: settings for working times L	
Display	Time
1	1 sec
2	2 sec
3	3 sec
4	4 sec
5	5 sec
6	6 sec
7	7 sec
8	8 sec

• WORK: settings for working times L	
Display	Time
9	9 sec
A	10 sec
B	12 sec
C	15 sec
D	20 sec
E	25 sec
F	30 sec



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