ProMinent®

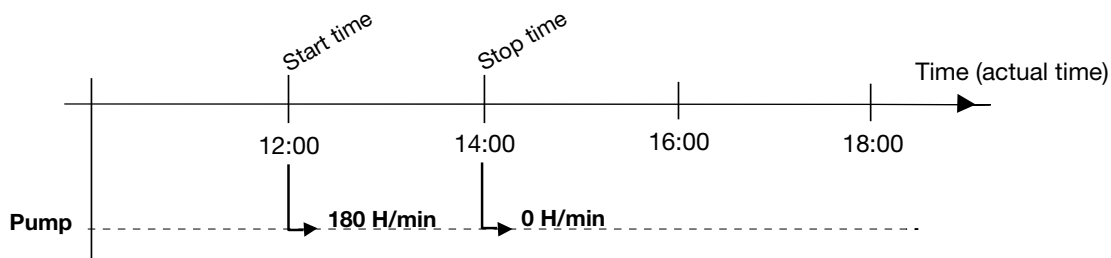**Example of a simple timer applicationg**

Preconditions:

- You have already worked with the gamma/ L
- The timer is set to timer type "simpl" (factory setting: change if necessary under CLOCK-TYPE)
- The clock has been set to the right time.

Task:

You want the pump to start metering each day at 12:00 (start time) at 180 strokes/min and stop at 14:00 (stop time).

Solution:

Since you set **switching times** in "simpl" timer mode, not a duration, start by specifying 12:00 as the start time and set the stroke rate to 180 strokes/min. The pump will now run at this speed until the next switch time. As the pump is to stop at 14:00, this is set as the stop time along with a stroke rate of 0 strokes/min. The pump will then stop running at this time. It will not start again until the next start time (in this case 12:00 on the following day).

Programming:

▶ Set an alternative operating mode to AUTO

▶ Enter SET menu

▶ Follow the path shown overleaf through the TIMER menu and enter the corresponding values for the first program row (DAILY, 12:00 (start time), 180 stokes/min). Enter SET menu again.

▶ Follow the path shown overleaf through the TIMER menu and enter the corresponding values for the second program row (DAILY, 14:00 (stop time), 0 stokes/min)

▶ Set the operating mode to AUTO

From now on the pump timer will operate according to the programmed switching commands.

Programme row	Cycle	Switch time	Action*	Specification
00	DAILY	12:00	MAN*	180
01	DAILY	14:00	MAN*	000

* For timer type "simpl" MAN is the only option (MANUAL operating mode).

NOTICE

If you have entered an incorrect value:
- either press the i-key twice – the cursor will jump to the start of the input field – and re-enter the value.
- Or press the P-key immediately in CHANGE for the first program row (00:TIM will appear below the values which are now automatically displayed in sequence). For the second program row press an arrow key once (01:TIM will appear below the values which are now automatically displayed in sequence). Now go through the program rows once more and enter the correct values.

ProMinent®

Dauer-
anzeige

Permanent
display

Hubfrequenz
Stroke rate

Permanent
display

Dauer-
anzeige

Schaltzeitpunkt
Switching time