

Water Timer WT-100

Product code: WT-100-valve size eg WT-100-1/2"

INSTALLATION INSTRUCTIONS

please read carefully

DESCRIPTION The WT-100 opens a solenoid valve for a preset time upon a manual pushbutton command. This can be used to dose a preset volume of water or to ensure that water cannot be drawn for longer than the preset time. Applications include controlling the use of cleaning and irrigation hoses, tank filling etc.

PLUMBING Ensure the solenoid valve is suitable for the requirement. For a tank fed water supply, a direct operating solenoid valve may be required. Fit the solenoid valve into the pipework ensuring the water supply is connected to valve inlet (marked by an arrow or IN on the valve body. The WT-100 may be screwed to a wall if required.

ELECTRICAL Connect Brown and Blue wires of supply cable to a convenient 240v supply, with a 3A fuse (in a spur box) or a 5A fuse (in a consumer unit). If using a DC supply connect the Brown wire to positive +ve and the Blue wire to negative -ve. **Observe current and local wiring regulations!**

OPERATION With the electricity supply turned on simply press and release the green pushbutton. The solenoid valve will be energised (open) for the time period that has been set. Repeat as required. To stop or cancel the current timing cycle remove the electricity supply. The current timing cycle will be reset.

SETTING THE TIME PERIOD

CAUTION: ISOLATE ELECTRICITY BEFORE REMOVING COVER!

Remove the two screws on the WT-100 cover in order to access the timer module. The timer has three switches marked: Mode, T and xt as shown in the photo > Their functions are as follows:

Mode (switch A) is factory set to **sf** and **must not be changed**.

T (switch B) is the range selector, select from 1s 10s 1m 10m 1h 10h 100h using switch A

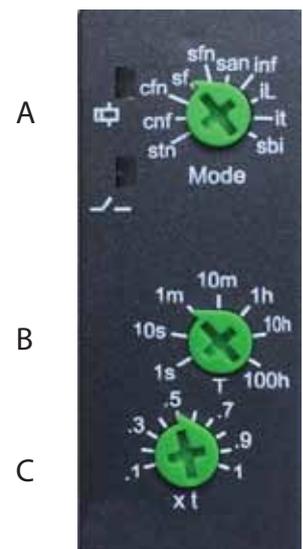
xt (switch C) adjust multiplier from 0.1 to 1

Example to set 30 seconds time select the 1m range (switch B) and .5 on the multiplier switch C as shown in the photo >

Status LEDs (located to left of Mode switch A.

The green LED indicates power is on, and blinks to show timing in progress.

The amber LED indicates that the valve is energised.



TECHNICAL SPECIFICATION

Timing range: User adjustable from 0.1 seconds to 100 hours in 7 ranges

Solenoid valve: Brass WRAS approved Normally Closed (fail safe), 1/2" BSP female threads, 13.5mm orifice, pressure range 0.35 - 10 BAR. Please contact sales for alternative valve sizes.

Power supply: The WT-100 can be operated from 12 - 240VAC/DC (50/60HZ). Please note that the solenoid valve coil **MUST** match the supply voltage and vice versa.

Cables: Power and valve cables are supplied to a nominal 1.8m length. Core size is 0.75mm²

Enclosure: size 148 x 88 x 41mm, (excluding cable glands) in white PVC.



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