

Too big a span would allow the user to calibrate a sensor out of specification.

IC3 is JK Flip Flop IC. It is used to switch on the unit with a momentary press of SW and either switches off automatically after about 2 minutes or can be switched off manually with SW. By cutting out C2 the auto-switch off is disabled.

This is an option offered and could be user defined by using a shorting link between R10 and ground.

The original constraints on the design still hold.

Fool proof

Auto battery-off or Auto battery off disabled

Waterproof case.

Common battery ie. PP3 9v

Large LCD digits

Easy change of battery

Easy change of Sensor

Additions since VN202

Neck strap

Integrated Sampler

Smaller unit.