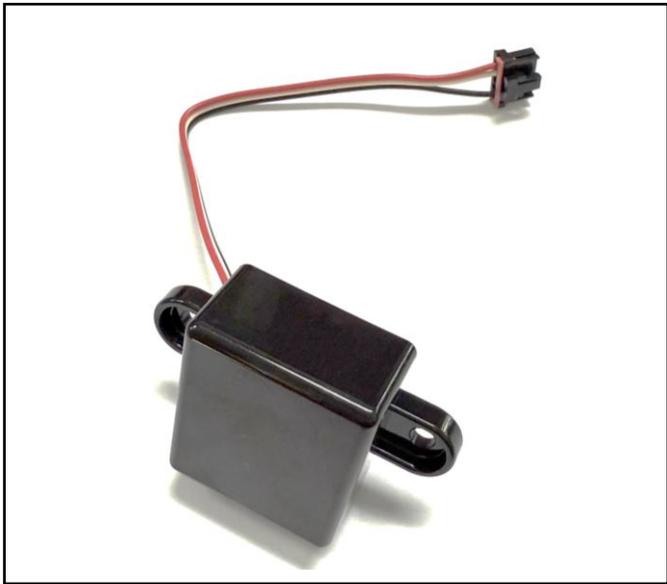


Indirect Contact Water Level Sensor



FEATURE

- Water level detection without Fluid contact
- No possibility of defects caused by fluid
- Applicable to various structures

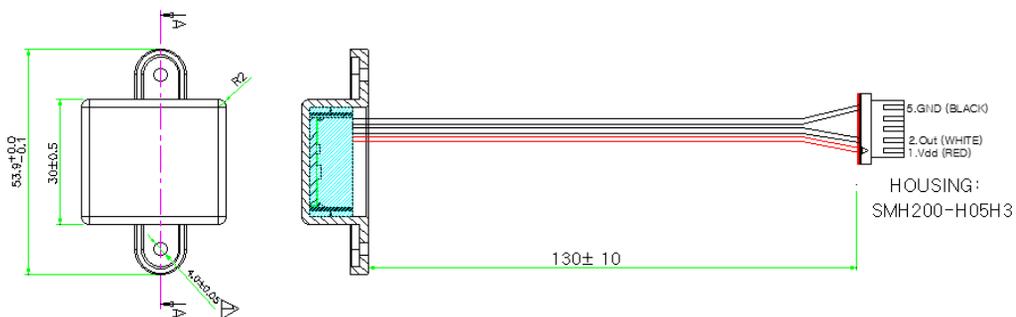
APPLICATIONS

- Refrigerator, Air-conditioner, Water purifier

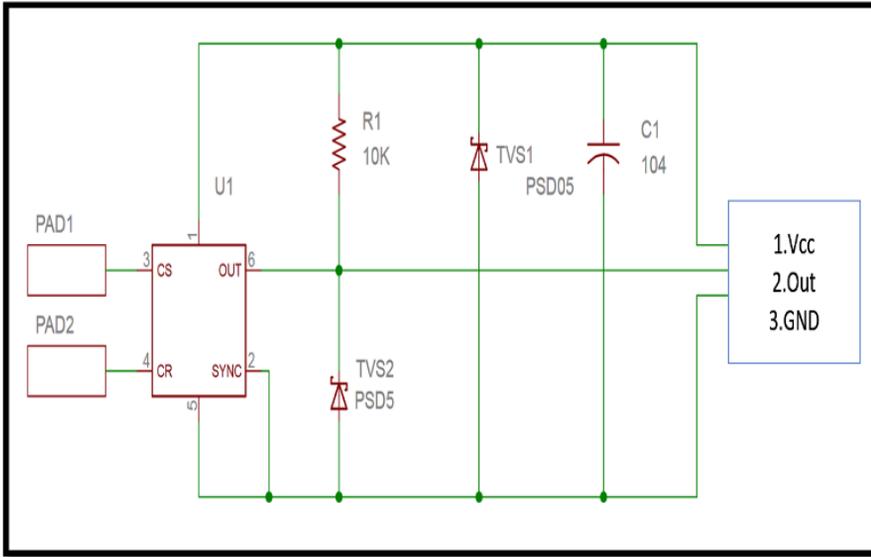
ELECTRICAL DATA

Characteristics	Sym	Min	Typ	Max	Units
Operating supply voltage	V _{CC}	2.5		5.0	V
Current Consumption	I _{DD}		285		μA
Output sink current	I _{out}			4.0	mA
Sensor Input capacitance range	C _s		10	100	pF
Reference Input capacitance range	C _R		12	100	pF
Minimum detectable capacitance variation	ΔC _s		0.2		pF

DIMENSION [unit:mm]



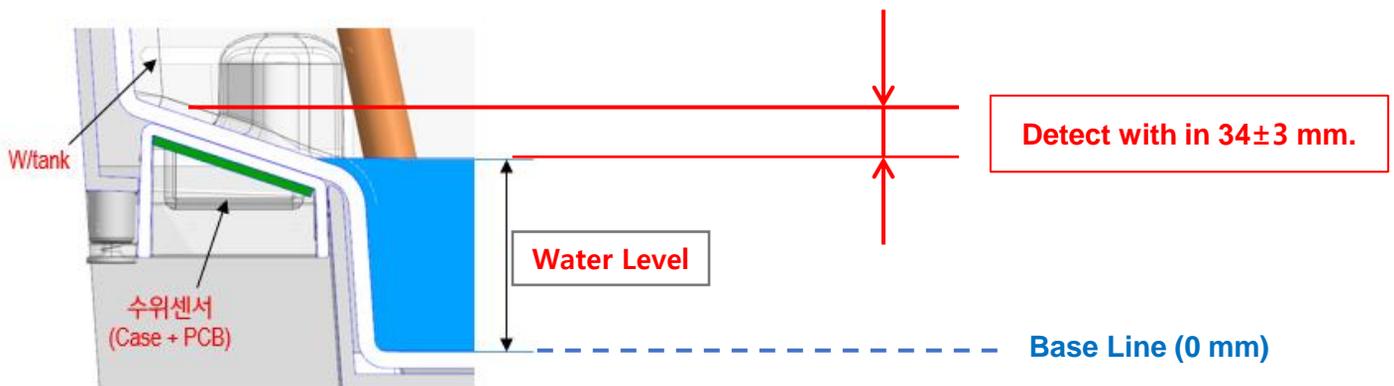
Functional Block Diagram



Product operation spec

Water level detection height measurement standard

WATER TANK	Sensor detection status	Sensor output voltage	INSPECTION JIG LED
38 mm or more	Water Present	4.7 V ↑	LED On
34±3mm	Water Present → No Water	5.0V ↑ → 0.7V ↓	LED On → Off
30mm or less	No Water	0.7V ↓	LED off



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