

Hall IC Sensor Level On/Off



■ FEATURE

- Resistant to external shock
- Precise positioning and fast reaction speed
- Diversification of mounting structures with integrated and separate types

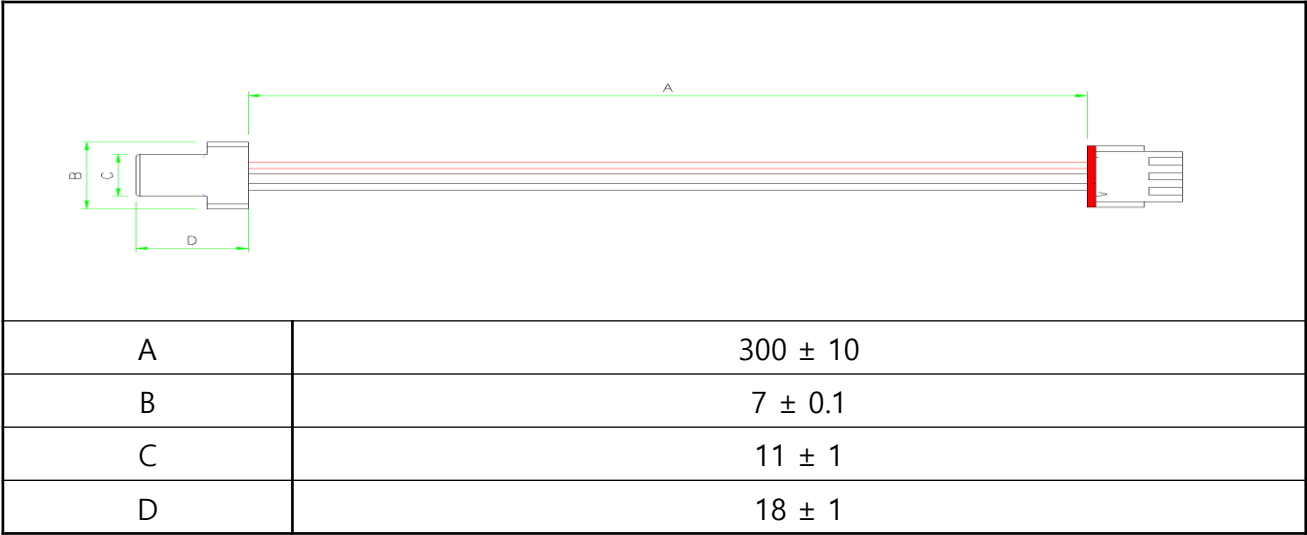
■ APPLICATIONS

- Useful for water level detection and object detection
- Water level detection, refrigerator doors, dehumidifiers, and purifiers, etc.

■ ELECTRICAL DATA

Parameters	Test Conditions	Min	Typ	Max	Units
Supply Voltage,(V_{DD})	Operating	1.65		6.0	V
Supply Current,(I_{DD})	Awake State		1.4	3	mA
	Sleep State		3.6	7	μ A
	Average		5	10	μ A
Output Leakage Current,(I_{off})	Output off			1	μ A
Output High Voltage,(V_{OH})	$I_{OUT}=0.5mA$ (Source)	$V_{DD}-0.2$			V
Output Low Voltage,(V_{OL})	$I_{OUT}=0.5mA$ (Sink)			0.2	V
Awake mode time,(T_{aw})	Operating		40	80	μ S
Sleep mode time,(T_{SL})	Operating		40	80	mS
Duty Cycle,(D, C)			0.1		%
Electro-Static Discharge	HBM	4			KV

DIMENSION



Functional Block Diagram

