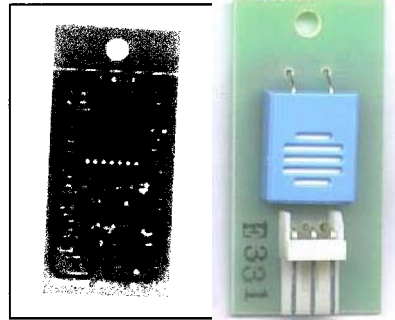


HUMIDITY SENSOR UNIT

HU10 SERIES

HU1012N

HU1015N



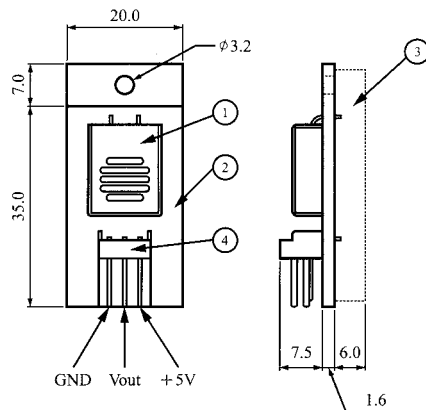
■ Characteristics

- Easy to use, because sensor and active circuit is on the same board
- Including temperature compensation circuit
- Available to measure wide range of humidity
- Excellent for long time working
- Everywhere you can attach small and light
- We achieved excellent cost performance
- Please select two type as below
HU1012 sensor: normal type
HU1015 sensor: high quality type
(water residence, heat residence)

■ Application

- Humidity monitor
- Humidity controller
- Air-conditioner
- Humidifier/ dehumidifier
- Automatic ventilator
- Management humidity of industrial process
- Management humidity of agricultural house

■ Dimensions



■ Active condition

	HU1012N	HU1015N
Input voltage (DC)	5 ± 0.2V	
Operating temperature range	0 ~ 50°C	
Operating humidity range	10 ~ 90%RH	10 ~ 100%RH
Storage temperature range	-30 ~ 50°C	-40 ~ 85°C

■ Specification

	HU1012N	HU1015N
Humidity sensor	HS12P	HS15P
Maximum operating current	2mA	
Output voltage range (DC)	1.0 ~ 3.0V	
Output precision 25~90%RH (25°C) Beyond above range	<± 5%RH <± 10%RH	
Temperature dependence	<± 5%RH	5 - 45°C (30-80%RH)
90% response time	1 分	5 分

No.	Name	HU1012N	HU1015N
1	Humidity sensor	HS12P	HS15P
2	Printing Board	Material: glass epoxy t = 1.6mm	
3	Area for putting component		
4	Connector	AMP (Japan), Ltd. Type 171826-3 2.5mm pitch, 3 pin	

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