

732 849

Humidity Sensor Unit HU10

□Features

- Ready to use design
- Temperature compensated
- Wide measurement range (~100%RH)
- Long-term reliability
- Easy installation
- 2 types of HU10 are available
 - Standard type
 - Tab attachment type with a hole
- Low-price

□Operating conditions

Working Voltage	DC5±0.2V
Operating Temperature	0~50°C
Operating Humidity	20~100%RH
Storage Temperature	-40~60°C
Storage Humidity	0~100%RH

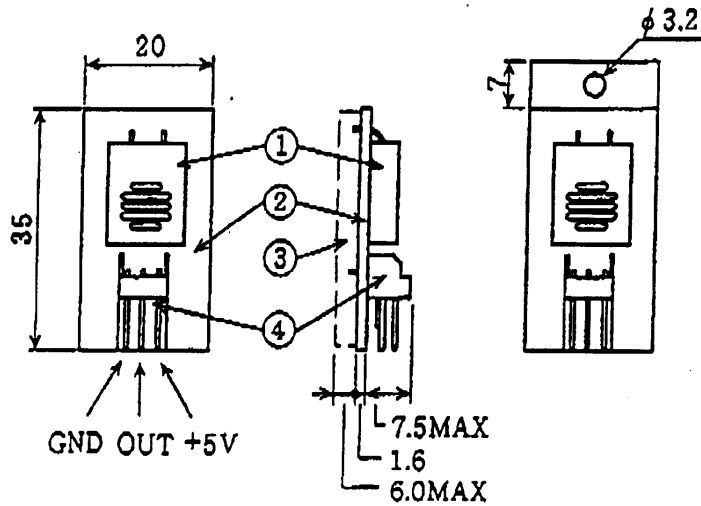
□Applications

- Humidity Monitor
- Humidity Controller
- Air Conditioner
- Agricultural House
- Humidifier • Dehumidifier
- Automatic Ventilation

□Specifications

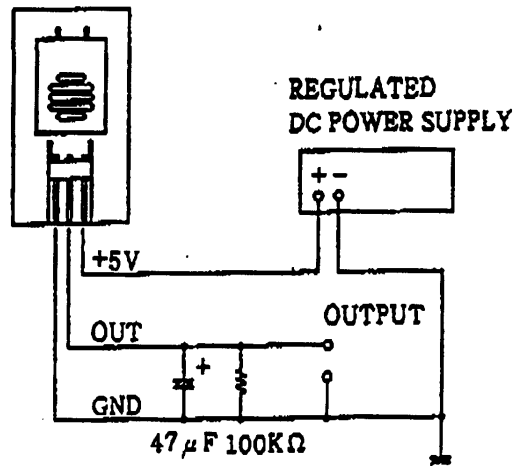
Sensor Element	HS15P
Current	Max 2mA
Measurement Range	25~100%RH
Output Voltage	1.5~3.1V
Accuracy	±5%RH

□Appearance

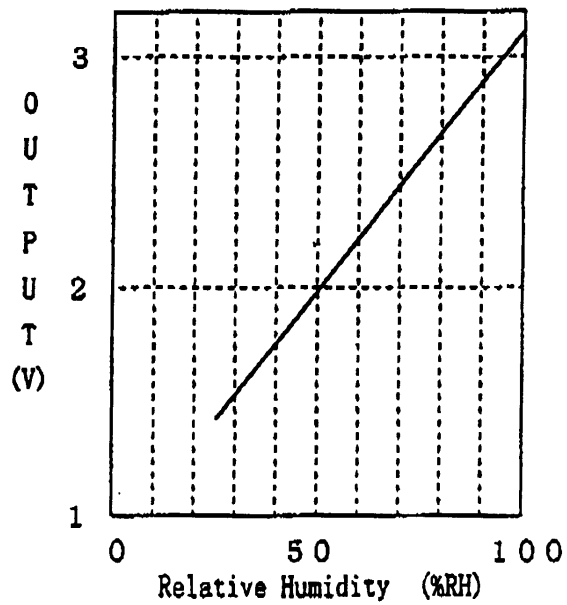


No.	Name	Specifications
①	Humidity Sensor	HS15P
②	Printed Board	Material:Glass-epoxy t=1.6mm
③	Parts Mount Area	
④	Connector	AMP(Japan),Ltd. Type 171826-3 2.5mm pitch 3pins

□ Measurement circuit



□ Output characteristic



[Warning]

- Use only within specified conditions.
- Do not disassemble and change any parts.
- The porous filter of the case will be damaged when the acute one touches the sensor window.