

# Humidity Transmitter

Model: HT-ST-TH-XXX

## Feature

- Fast, stable & accurate
- Watertight enclosure
- Compact size & easy mounting
- Excellent long-term stability
- Wide input voltage range (12Vdc –40Vdc)
- On-site, two point calibration. (Zero and span).
- Wall mount type: TH-102W  
Duct mount type: TH-102D  
Separated type: TH-103S

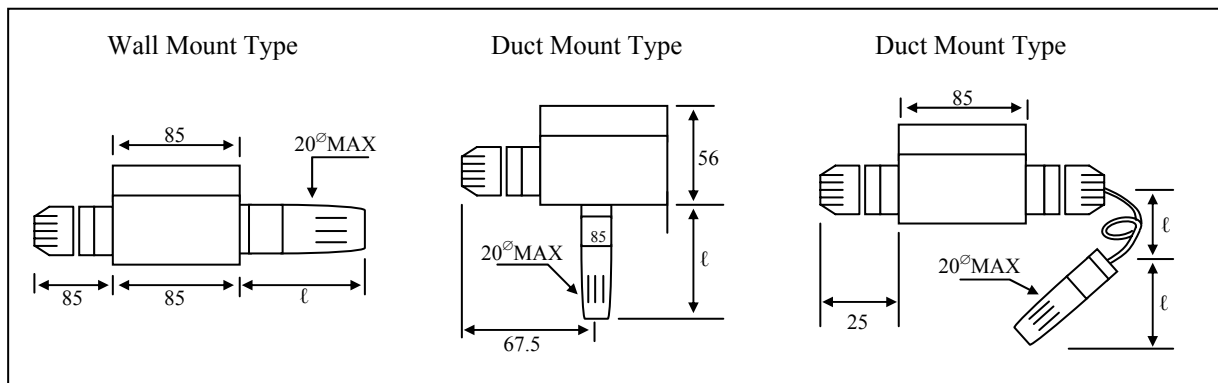
**Application:** KD room, Restaurant, Hotel, Park, Commercial Center, Marine, General Industries and etc..



## Specifications

<b>Measurement Range</b>	: 10~100%RH (Non-condensing) 0~100°C(-20~+80 °C, 0~50 °C, -40~+60 °C available)
<b>Accuracy (At 25°C)</b>	: ±2%RH, ±0.5 °C
<b>Long term stability</b>	: Better than 1%RH per year (Typical)
<b>Temperature Compensation</b>	: ±0.008%RH/°C (Effect@0%RH)
<b>Response</b>	: <15 seconds (90% at +25 °C in moving air at 0.5M/S)
<b>Sensor</b>	: Humidity: thin-film capacitor Temperature: RTD Pt100Ω ICE 751, DIN43760
<b>Output</b>	: Humidity: 4~20mA, 0-100%RH (Linear) Two wire Temperature: 4~20mA, 0-100 °C (Linear) Two wire (scalable)
<b>Supply Voltage</b>	: 12~40V DCV
<b>Sensor Protection</b>	: Sintered filter, Part No. TR-3066(option)
<b>Housing</b>	: ABS plastic watertight enclosure (IP65)
<b>Connections</b>	: Liquid-tight nylon, cable bushing: Ø5-10mm cables
<b>Ambient Temperature</b>	: -40~+85 °C (-40~+185 °C)
<b>Weight</b>	: Approx.150g

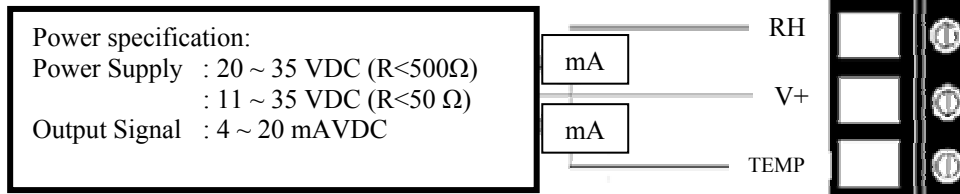
## External Dimensions (mm)



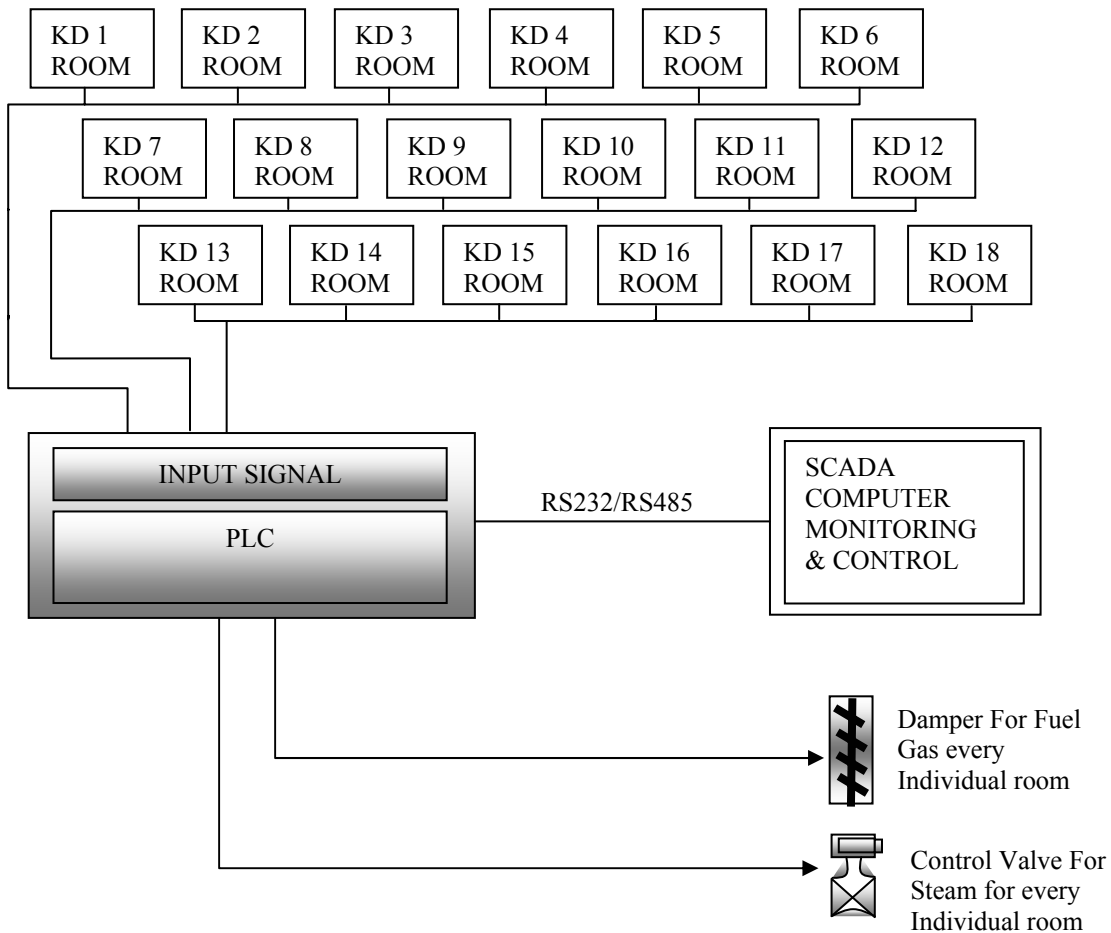
Sole Distributor: No.15, Jalan Anggerik Mokara 31/63, Kota Kemuning, 40460 Shah Alam, Selangor, Malaysia.  
**LKS (M) SDN. BHD.** Tel: 603-5124 0822 Fax: 603-5124 0222 E-mail: [info@lkssb.com.my](mailto:info@lkssb.com.my) Web: [www.lkssb.com.my](http://www.lkssb.com.my)

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**Wiring Connection For Transmitter:**



**Typical Multi points System:**



Distributor:-