



Model DHS



Model DHS-DP

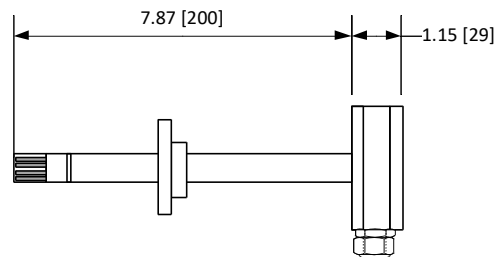
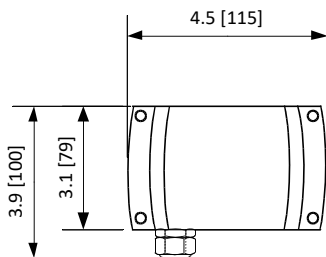
Specifications

- **Sensor:** Digital polymer RH% sensor
- **Range:** 0-100%RH
- **Output:** 4-20mA (3 wires) or 0-10VDC or optional RS485/Modbus
- **Accuracy:** $\leq 3\%$ RH (at 25°C, 20 to 80%RH)
- **Hysteresis:** $\leq \pm 1\%$ RH
- **Response time:** : $\leq 10s$ (25°C slow air movement)
- **Drift:** $\leq \pm 0.5\%$ RH
- **Voltage:** 15 to 28Vac or 15 to 36VDC
- **Ambient conditions:** -40 to 85°C, 0 to 95%RH (Non condensing)
- **Storage Temperature:** -40 to 85°C
- **Housing:** ABS
- **Filter:** UHMW-PE filter
- **Ingress Protection:** IP54

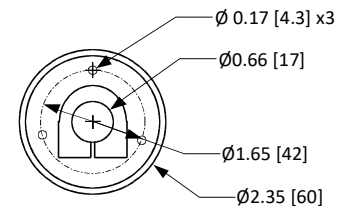
Applications & Features

- DH series is designed for installation on duct to measure and control air stream relative humidity (RH%).
- RH% sensor is protected with filter.
- Provide fast response & good long term stability.
- Adjustable probe length.
- Wide working temperature range
- Optional remote sensor probe, -P
- Optional LCD Display, -D

Dimensions

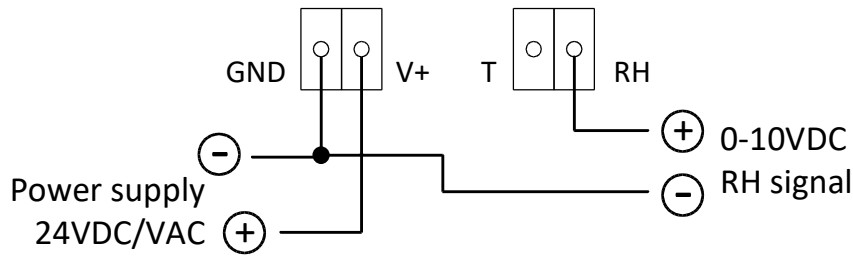


Flange bracket detail



All dimensions in inch [mm]

Wiring



Electrical connection with IER humidifier

