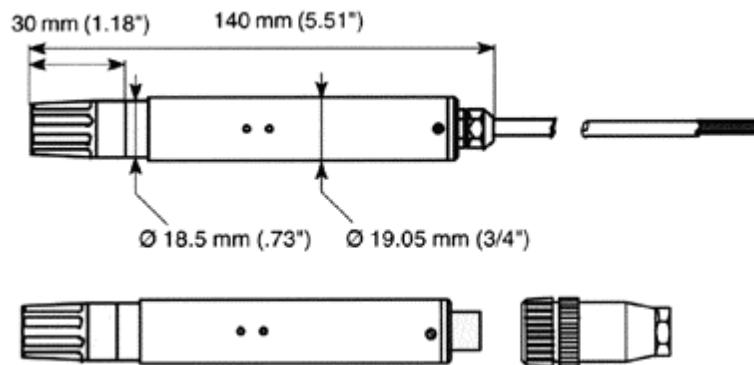


## Relative Humidity & Temperature Transmitters



- Standard Accuracy  $\pm 2\%RH$  or low-cost design  $\pm 3\%RH$
- Analog output 4-20 mA or 0-1V, 0-5V, 0-10V or 0-1 mA user-selectable
  - CE -Approved

### Relative Humidity transmitters

The Relative Humidity Transmitter series 730/732 measures the relative humidity and/or temperature. The measurement is based on a thin film capacitive sensor. The change of the dielectric constant of the polymer thin film changes with the atmospheric relative humidity. Together with a state-of-the-art surface mount circuitry it provides linear 4-20 mA, 0-1, 0-5 or 0-10VDC signals. Available in several installation styles like multi-purpose, duct- or wall mount. Optional available with a teflon dust filter and an improved RH sensor type H is recommended for outside use and in environments with chemical pollution. A weather protection cap (radiation shield or weather screen type) is available for use with the multi-purpose models. A connector between transmitter and cable minimizes maintenance-cost. These transmitters are suitable up to 60°C. For high temperatures see industrial RH transmitters. **The temperature measurement is based upon a precision temperature thermistor with excellent accuracy (0.2 C) and reproduceability.**