

Calibration

Each unit is calibrated against our factory standard which is traceable to "NMI" in The Netherlands or National Physical Laboratory, UK.

Calibration certificates

In addition to the normal calibration procedure, each transmitter can be supplied with its own traceable calibration certificate.

Calibration interval time

Under normal ambient conditions (0..50 °C, 0..70 %RH) and for an accuracy ± 2 %RH, we recommend an annual calibration.

For an accuracy ± 5 %RH we recommend calibration every five years.

For environments with airborne chemicals or for high humidity and high temperature conditions we recommend more frequent calibration.

EMC compatibility

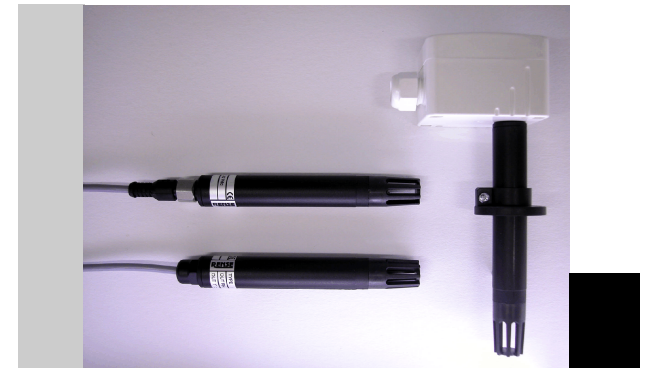
The series HT-912 Humidity and Temperature transmitters are designed to meet the following European standards:

EN 61326 (1997) + A1 (1998) + A2 (2001)

Emission: Class B, Immunity: Industrial

EN 61000-3-2 (1995) + A1 (1998) + A2 (1998)

EN 61000-3-3 (1995)



Instruction Manual Rel. Humidity & Temperature Transmitter HT-912



Introduction

The series 912 are 3/4-wire Relative Humidity Transmitters, optionally combined with a temperature transmitter or temperature sensor. The HT-912 measures continuously the ambient relative humidity and provides a standard process signal directly proportional to the ambient relative humidity. Models with prefix "HX" measure relative humidity only; prefix "HT" includes a temperature transmitter or temperature sensor. The outputs are adjustable with solder-jumpers.

Description	Model
Rel. Humidity Transmitter, connector	HX-912-I-01
Rel. Humidity & Temperature Transmitter, connector	HT-912-I-01
Rel. Humidity Transmitter, duct-mount	HX-912-I-02
Rel. Humidity & Temperature Transmitter, duct-mount	HT-912-I-02
Rel. Humidity Transmitter with Pt100 1/3 DIN B, 1.5m PVC cable	HT-912-I-03
Rel. Humidity Transmitter with Pt1000 1/3 DIN B, 1.5m PVC cable	HT-912-I-04
Rel. Humidity Transmitter with Pt100 1/3 DIN B, duct-mount	HT-912-I-05
Rel. Humidity Transmitter with Pt1000 1/3 DIN B, duct-mount	HT-912-I-06

