

Ravi Engineering

Manufacturer & Supplier of C. A. Cold Storage & automated material conveying System for Ginning & Pressing Industries and Complete solution for Industrial Material Handling System.

HumiSens- Humidity Sensor & Controller

HumiSens™ is precise engineered product that made to measure accurate humidity in harsh ambient condition like dusty, dry and corrosive conditions in range of 0% to 100% RH with +/-3 accuracy.

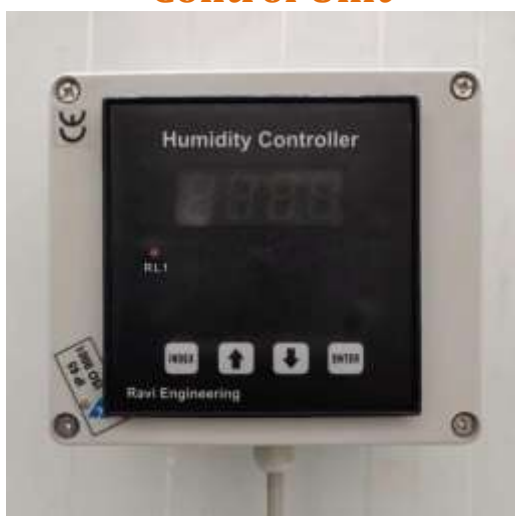
Operation Of HumiSens is so is that desired RH need to be set and rest of duty HumiSens will handle Automatically. Easy interface of HumiSens easily allows to set required RH level and it will automatically turn ON and OFF machine depends on set value. HumiSens allow us to measure and maintain accurate RH level in cold room, textile Industry, pharmaceutical, tobacco and food processing industry etc...

We offer state-of-the-art model as below:

Brand	Model	Sensor	Application	Accuracy
HumiSens™	Humi-Sens-R-+/-3	HoneyWell with hygroscopic & Sintering Filter	For humidity required $\leq 95\%$	+/- 3%

Further details and technical information is provided below

Control Unit



Sensor



Block No. 653, Near Kankeshwari Meldi Mataji Mandir, Kadi-Nadasan
Road, Village-Sarsav, Tal-Kadi, Dist-Mahesana, Gujarat-382715

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HumiSens™ (Humidity Controller)

Model: Humi-Sens-R+/-3

The HumiSens transducer is for the continuous measurement and conversion of relative humidity and ambient temperature into a digital or analogue voltage or current standard signal. The transducer may be programmed and calibrated through the Optional RS-485 interface. Sensor shields allow the transducer to operate in various ambient conditions, dusty, dry, corrosive etc... The transducer is designed to be mounted on a wall.

❖ The HumiSens transducer/Control unit performs following functions:

- Non Condensing Type RH measuring to measure high RH up to 100%
- Online Humidity Display
- Control Parameter from range 30% to 100% RH
- Display Parameter from range 30% to 95% RH
- High Humidity protection: IP65
- Simple Installation: Two Cord Connections

❖ Technical Data

- Relative humidity measurement (RH) 0...100% without condensation
- Basic error +/- 2% for rh 10...100% +/- 3% for remaining range
- Hysteresis for humidity measurement +/- 1%
- Calculates abs. humidity (a) [g/m³]

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