



RH30B Temperature and Humidity Transmitter

use :

HVAC、 Telecommunication base stations、 Food storage、 Precision Machine Room、 Automotive electronics indu
Book archives preservation、 textile industry 、 store management 。

characteristic :

Adopted a completely sealed waterproof structure, The sensor is treated with sintered head to prevent dust, Ensure its reliable open

Wide working temperature range wide range anti-condensation short response time;

There is another probe split installation form, Separable 5m lead。

the key technical indexes :

service voltage : 12-24VDC

output signal: T: 0-5VDC liner H: 0-5VDC liner

T: 4-20mA liner H: 4-20mA liner

measuring range: T: 0-50℃ H: 0-100%RH

certainty of measurement: T: ± 0.5℃ H: ± 3%RH (25℃, 10%-90%RH)

working temperature: -20-85℃

condition of storage: T: -10-50℃ H: 20%-80%RH

load capacity: Voltage load 3K output impedance, Current load 24V 600 Ω

operational principle :

Use ambient temperature、 The principle of material electrical property change caused by humidity change is discussed

Temperature and humidity measurement。 The whole machine adopts imported thermosensitive components、 The humidity sensitive chip sends the signal

Process and organize it into a standard signal output。

Order code:

code	explain
RH	Product series code
30	General purpose full wet type humidity sensitive capacitors
B	Shell number, flange installation or split structure
A	Current output two-wire standard 4-20 mA , Signal remote transmission
V	Voltage output 0-5V

instance: RH30B-V is a temperature and humidity transmitter with 30 shell voltage output of 0-5V

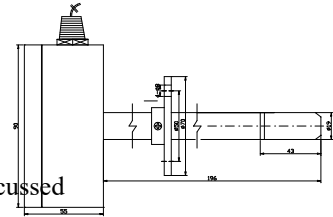
outside drawing :



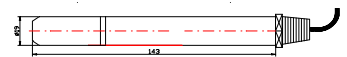
Split body shape diagram



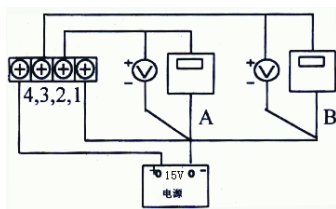
outline dimensional drawing



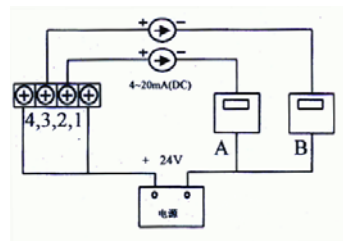
Split body size chart



Electrical connection diagram



RH30B-V wiring diagram



RH30B-A wiring diagram

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