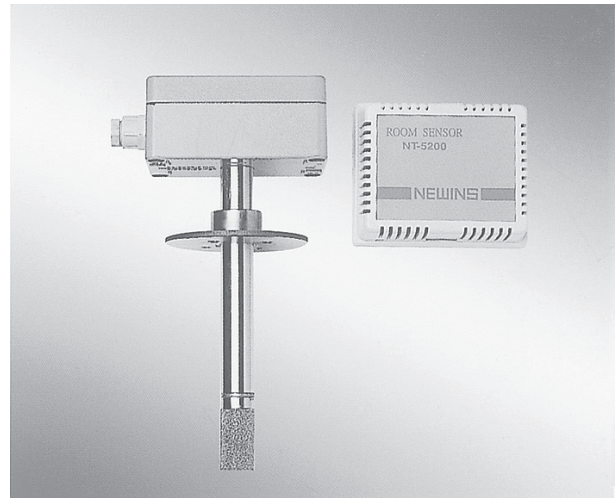


FEATURES

- **Small and compact design**
- **Low hysteresis**
- **The highly reliable RTD (Pt 100Ω at 0℃)
Used as a temperature detecting sensor**
- **Humidity output ampere change is
linear with relative humidity (RH)**
- **Quick responsiveness**



SPECIFICATIONS

▶ **Temperature**

- Element : Pt100Ω at 0℃ (Ceramic type RTD)
- Accuracy : ±0.5% FS
- Temperature detection range : -200~600℃
- Output : RTD or 4.00~20.00mA
- Thermal responsiveness : 1minute or less
(in air current 2.5m/sec)
- Power supply : DC 24V
(DC 4.00~20.00mA output only)
- Operational temperature range : 0~50℃

▶ **Humidity**

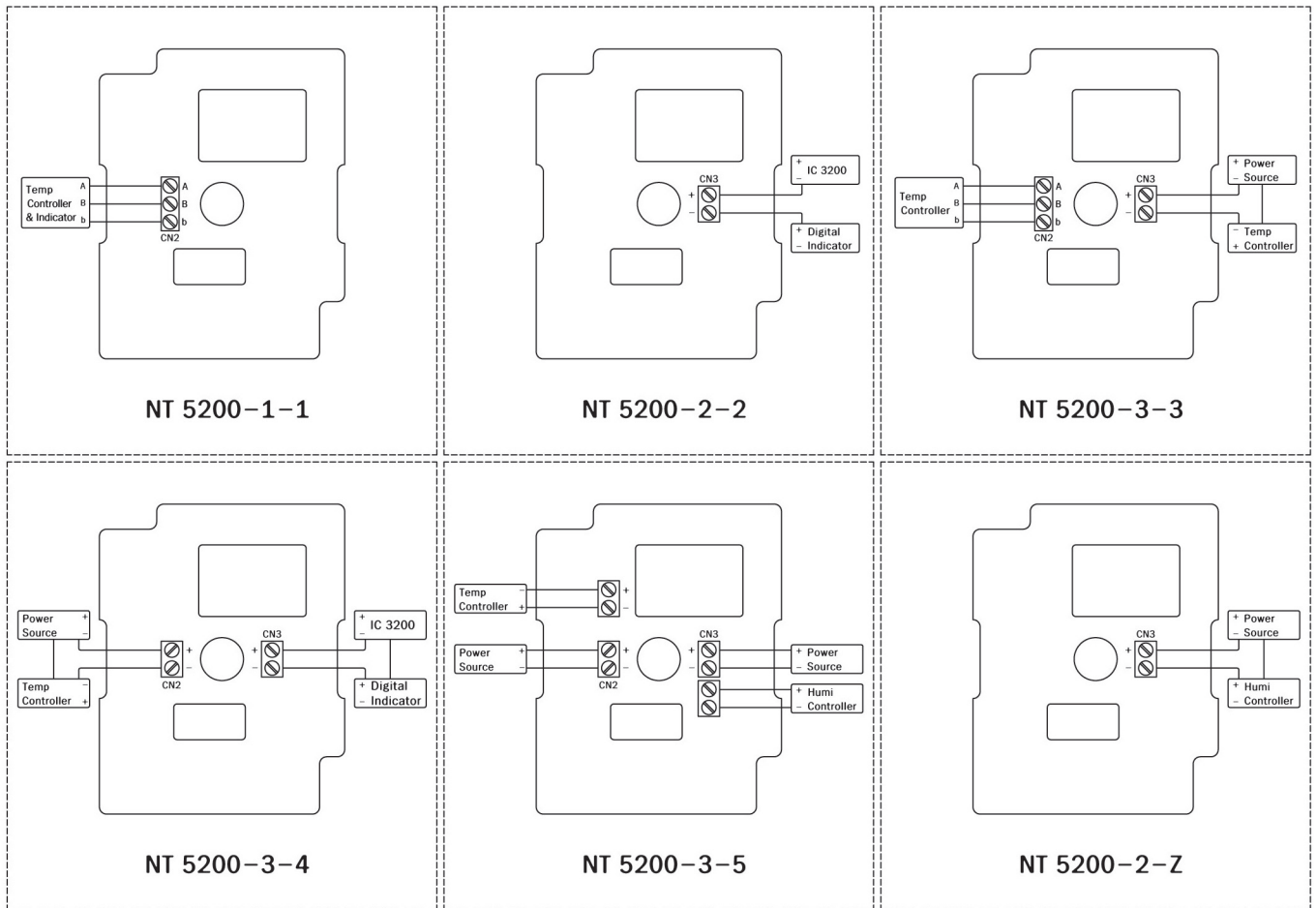
- Element : High polymer MQ-Hument
- Accuracy : ±3%RH
- Humidity detection range : 30~90%RH
- Output : DC 4.00~20.00mA linear 2-wire system
- Power supply : DC 24V
- Humidity responsiveness : 1minute or less
(in air current 2.5m/sec)
- Isolation : 100MΩ or over
(Case-Teminal) DC 1000V

ORDERING CODE

| Model | | Description |
|---------|---|---|
| NT 5100 | | Duct type(Temp only) |
| NT 5200 | | Room type |
| Type | 1 | Temperature |
| | 2 | Humidity |
| | 3 | Temperature & Humidity |
| Output | 1 | RTD (Temperature only) |
| | 2 | DC 4.00~20.00mA (Humidity only) |
| | 3 | RTD (Temperature), DC 4.00~20.00mA (Humidity) |
| | 4 | DC 4.00~20.00mA (Temperature & Humidity) |
| | 5 | 1~5V (Temperature & Humidity) |
| | z | Lead Wire |

A
B
C
D
E
F
G
H
I
J

TERMINAL DIAGRAM



DIMENSION & PANEL CUT

※ Room Type

※ Duct Type

* Front View

* Mounting Hole

* Side View

* Flange Bottom View

* Side View

