

SK-RHC SERIES TEMPERATURE/HUMIDITY TRANSMITTERS

- No. 8920-01 Model SK-RHC-V (0 to 1V) : Voltage output: 0 to 1V
 No. 8920-02 Model SK-RHC-V (0 to 100mV) : Voltage output: 0 to 100mV
 No. 8920-03 Model SK-RHC-I : Electric current output: 4 to 20mA
 No. 8920-04 Model SK-RHC-C : Serial output: RS-485



Main unit with SK-RHCS-1 probe



Main unit with SK-RHCS-2 probe

FEATURES

- Wall-mount type transmitters
- Three kinds of outputs signals: voltage, electric current and RS-485 are available
- Three types of probes are interchangeably used with the main units

SPECIFICATIONS (Main units)

| | | |
|-------------------|--|--------------------------|
| Display range | Temperature: -15 to 65.0°C | Humidity: 5.0 to 99.9%RH |
| Measuring range | Depends on the probe connected (refer to the probe specifications) | |
| Accuracy | | |
| Output signals | Voltage: 0 to 1V, 0 to 100mV, Electric current: 4 to 20mA, Serial: RS-485 | |
| Output accuracy | Temperature: ±1°C | Humidity: ±1%RH |
| Resolution | Temperature: 0.1°C (at more than -9.9°C), 1°C (at other range) Humidity: 0.1%RH (at more than 15%RH), 1%RH (at other range) | |
| Power requirement | 12 to 24 VDC or Optional AC adapter (9VDC) | |
| Functions | Upper/Lower limit alarm output (No voltage ON-OFF 2 position control) | |
| Sampling time | Switchable (1 sec. /10 sec.) | |
| Dimensions | 118 (w) x 100 (H) x 42 (D)mm | |
| Weight | Approx. 220g | |
| Accessories | Fixing screw for probe x 1 | |

OPTIONAL PROBES**SPECIFICATIONS**

| | | | |
|-------------------------|--|--------------------------|-----------------------------------|
| Cat. No. | 8921-00 | 8922-00 | 8922-10 |
| Model | SK-RHCS-1 | SK-RHCS-2 | SK-RHCS-3 |
| Type | Plug-in | With sensor cord | With sensor cord |
| Sensor (Temp.) | Thermistor | | |
| (Humi.) | High polymeric resistance change type | | |
| Measuring range (Temp.) | -10 to 60.0°C | | |
| (Humi.) | 20.0 to 95.0%RH (at 23°C) | | 25.0 to 95.0%RH (at 23°C) |
| Accuracy (Temp.) | ±0.5°C (at 20.0 to 30.0°C) ±1°C (at other range) | | ±0.7°C (at 20.0 to 30.0°C) |
| (Humi.) | ±3%RH (at 20 to 30°C / 30 to 90%) | | ±4%RH (at 20 to 30°C / 30 to 90%) |
| Dimensions | 29(w) x 121(H) x 24(D)mm | 29(w) x 121(H) x 24(D)mm | 6 dia. x 35(L)mm |
| Cord length | — | 5m (*) | 1.5m |
| Weight | Approx. 42g | Approx. 228g | Approx. 87g |

* Available to extend sensor cord at option