

SK-RHC SERIES TEMPERATURE/HUMIDITY TRANSMITTERS

FEATURES

- Selectable output: voltage, electric current and RS-485 signals are provided.
- Three optional probes are interchangeably used with the main units



SK-RHC transmitter with SK-RHCS-1 probe



SK-RHC transmitter with SK-RHCS-2 probe

SPECIFICATIONS

Cat. No.	8920-01	8920-02	8920-03	8920-04
Model	SK-RHC-V	SK-RHC-V	SK-RHC-I	SK-RHC-C
Output signals	Voltage output: 0 to 1V	Voltage output: 0 to 100mV	Current output: 4 to 20mA	Digital output: RS-485
Outputs	Temp.: -100 to 600mVDC: -10 to 60°C Humi.: 0 to 1000mVDC: 0 to 100%rh	Temp.: -10 to 60mVDC: -10 to 60°C Humi.: 0 to 100mVDC: 0 to 100%rh	Temp.: 4 to 20mA: -15 to 65°C Humi.: 4 to 20mA: 0 to 100%rh	RS-485
Display range	Temperature: -15 to 65.0°C		Humidity: 5 to 99.9%rh	
Display accuracy	Temperature: ± (0.1 + 1 digit) °C		Humidity: ± (0.1 + 1 digit) %rh	
Measuring range	Depends on the probe connected			
Resolution	Temperature: 0.1°C (-9.9°C or higher), 1°C (other range) Humidity: 0.1%rh (15%rh or higher), 1%rh (other range)			
Power requirement	12 to 24 VDC or Optional AC adapter			
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, English manual			

OPTIONAL PROBES



SPECIFICATIONS

Cat. No.	8921-00	8922-00	8922-10
Model	SK-RHCS-1	SK-RHCS-2	SK-RHCS-3
Sensing elements	Temperature: Thermistor Humidity: High polymeric resistance change type		
Measuring range	-10 to 60.0°C 20.0 to 95.0%RH (at 23°C)		-10 to 60.0°C 25.0 to 95.0%RH (at 23°C)
Accuracy	±0.5°C (20.0 to 30.0°C) ±1°C (other range) ±3%RH (20 to 30°C / 30 to 90%)		±0.7°C (20.0 to 30.0°C) ±1.2°C (other range) ±4%RH (20 to 30°C / 30 to 90%)
Dimensions (sensing part)	29(w) x 121(H) x 24(D)mm	19dia.x 118.5(L)mm	6 dia. x 35(L)mm
Cord length	—	5m (*)	1.5m
Weight	Approx. 42g	Approx. 228g	Approx. 87g

* SK-RHCS-2: available to extend sensor cord up to 20m at option