

Instruction Manual

Optional Probes for SK-L754 Datalogger

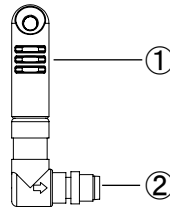
Thank you for purchasing the SK-L754 Series Optional Probes for SK-L754 Datalogger.

- This product is designed to measure temperature and humidity by connection with SK-L754 Datalogger. Do not use it for other purposes.
- Read this manual thoroughly before using and keep the manual in a safe place for future references whenever necessary.

Names of Parts

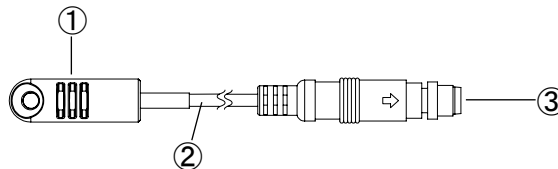
1. Model SK-L754-1 Probe (plug-in type)

- (1) Sensor
- (2) Connector



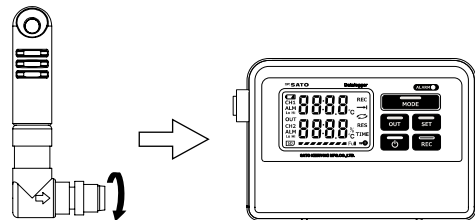
2. Model SK-L754-2 Probe (with-sensor-cord type)

- (1) Sensor
- (2) Sensor cord
- (3) Connector



Installing Probes

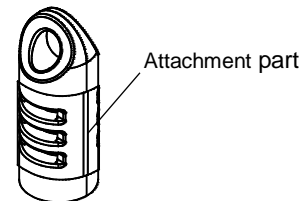
Install the temperature/humidity probe as the drawing. Insert the connector of the probe straight into the sensor connector of the Datalogger and firmly tighten the sensor-nut.



Use of sensor filter

A sensor filter is recommended to use when the probe is in a dusty environment. Wear gloves and attach the sensor filter by wrapping around the outer circumference of the probe window being careful not to touch the filter surface.

Note: The response becomes slow when the filter is used.
Replace the filter regularly depending on how dirty it is.



Safety Precautions

To use the probes safely, follow the precautions below.

- Never use the unit in an environment other than standard atmosphere (air composition).
- Never touch the humidity sensor with bare hands.
- Use the attached box when storing. Never use air-packing and antistatic polyethylene bag (light blue, pink or rose-color bogs)
- If condensation occurs, turn the power off immediately and allow time for the sensor to dry naturally at room temperature.
- These probes are not waterproof. Do not let the probes to get wet.
- Never drop the probe or knock it over.
- Measuring temperature and humidity outside the measurable range may cause malfunctions.
- Never disassemble or modify the sensors to avoid any malfunctions.
- Do not modify, forcibly pull, bend or tie the sensor cord. Placing heavy objects on the sensor cord or heating it will also damage the cord.
- Do not immerse the probe into liquid.

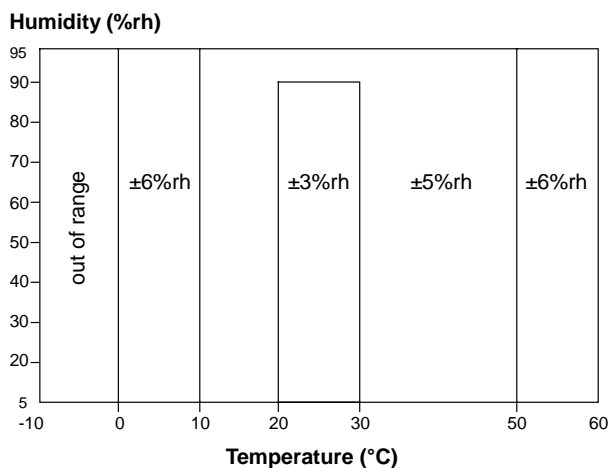
For a repair or a calibration, contact us or the retailer from which the Datalogger or probe was purchased.

Specifications

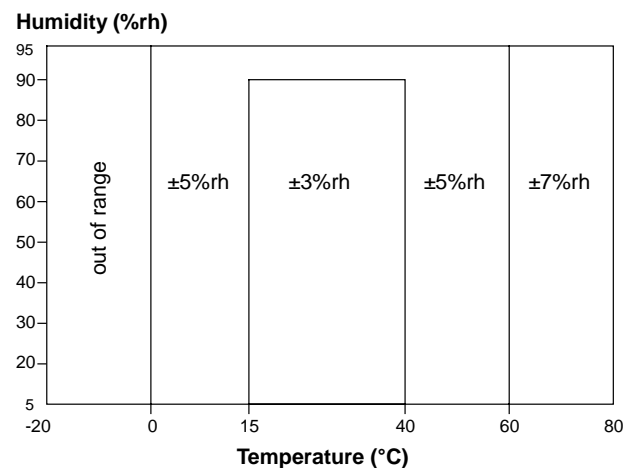
Model		SK-L754-1 Plug-in type	SK-L754-2 With-sensor-cord type
Cat. No.		No. 8880-01	No. 8880-02
Sensor	(Temp.)	Thermistor	
	(Humidity)	Capacitance type humidity sensor	
Measuring range	(Temp.)	-10 to 60°C	-20 to 80°C
	(Humidity)	5 to 95 % rh (at 23 °C)	
Accuracy	(Temp.)	±0.5°C	
	(Humidity)	Refer to the graphs below	
Storage ambient		-10 to 60°C, lower than 85%rh (no condensing)	
Materials	Sensor unit	PC	PC
	Connecting part	PVC resin	PVC resin
	Cord	---	PVC resin
Dimensions	Sensor unit	Ø11 x 60(H) mm	Ø11 x 34(H) mm
	Connecting part	Ø9 x 30(L) mm	Ø12 x 40(L) mm
	Cord length	---	1.6 m
Weight		9 g	35 g
Accessory		Sensor filter, Test result, English instruction manual	

Accuracy of R. Humidity

Model SK-L754-1



Model SK-L754-2



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