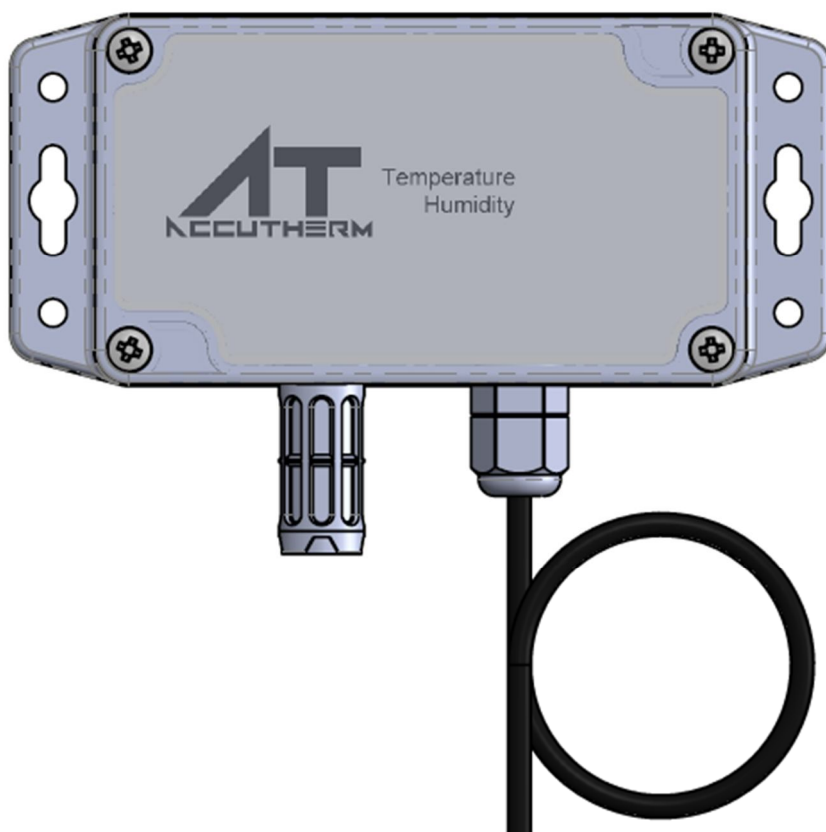


AT 溫濕度傳感器



Version:1.0

Date:2024/9/24

RD Manager

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說明

一體型溫溼度傳感器,可選配螢幕顯示及通訊功能. 若選用螢幕須注意耐溫.

選型

AT	-	X	X	X (信號線長)
	A: 4~20mA	1: LCD	1: 標準線長 1.5M	
	R: RS485	0: 無	2: 特規(最長 5M)	

電氣規格

1. 4-20mA version

Power Supply (DCV)	9 ~ 25
Supply current (mA)	< 30
Storage Temperature(°C)	-30 ~ 85(with no condensation or icing)
Operating Temperature(°C)	-25 ~ 85(with no condensation or icing)
Storage Humidity(%)	10 ~ 85(with no condensation or icing)
Operating Humidity(%)	15 ~ 85(with no condensation or icing)

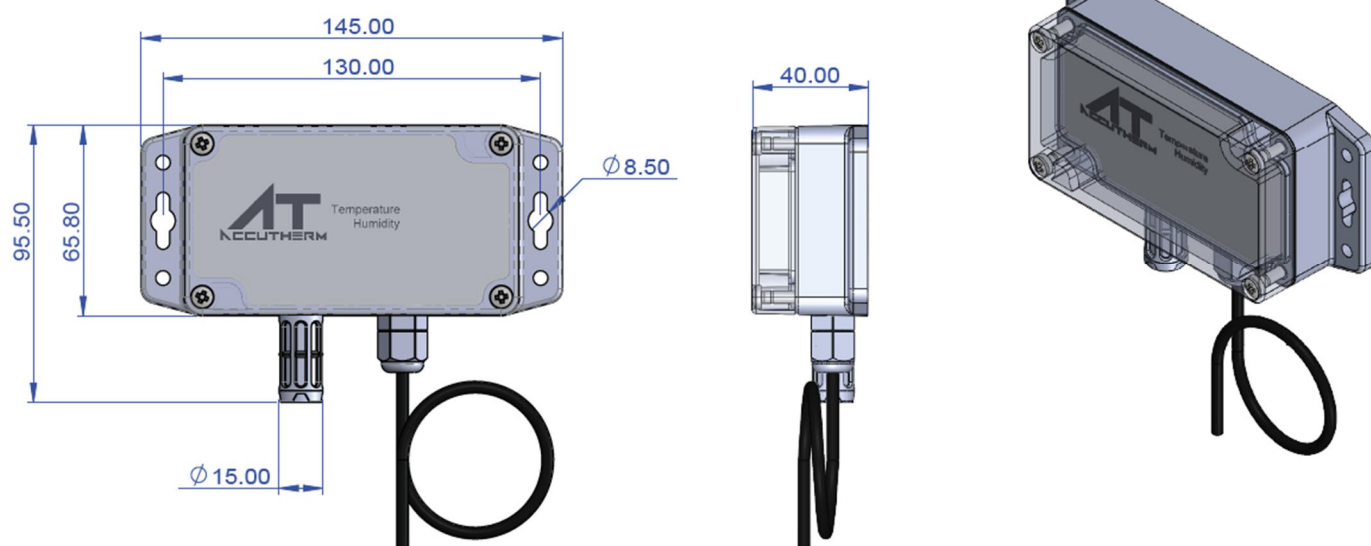
2. RS485 version

Power Supply (DCV)	5 ~ 25
Supply current (mA)	< 30
Storage Temperature(°C)	-30 ~ 85(with no condensation or icing)
Operating Temperature(°C)	-25 ~ 85(with no condensation or icing)
Storage Humidity(%)	10 ~ 85(with no condensation or icing)
Operating Humidity(%)	15 ~ 85(with no condensation or icing)

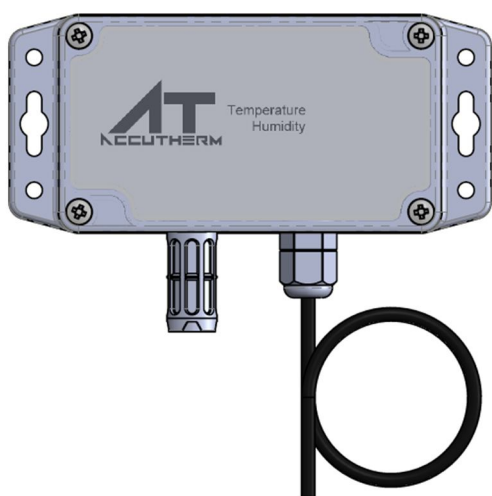
一、Measurement range

Item	Measuring range	Measurement accuracy
Humidity (%rH)	15 ~ 30°C / 20-80%rH	±3.5% F.S
	0 ~ 50°C / 20-80%rH	±4% F.S
	-20 ~ 80°C / 1-99%rH	±5% F.S
Temperature (°C)	15 ~ 60	±0.8K
	-20 ~ 80	±1.0K

產品結構：



接線圖：



RS485

白 A+
綠 B-
紅 Vin (5 ~ 25V)
黑 Gnd

4~20mA

白 (溫度)
綠 (濕度)
紅 Vin (9 ~ 25V)
黑 Gnd