



Datasheet HUMT1 Humidity & Temperature Sensor

Part number:

FU.HUMS.001

General Description:

Working in combination with the SDT270 and the SDT200 devices, the HumT1 is an ambient air sensor measuring temperature, relative humidity and dew point.



Technical Data:

Compatibility	SDT270 & SDT200	
Temperature resolution	37.2 kHz ± 500 Hz	
Humidity resolution	0.1 °C	0.1°F
Temperature range & corresponding accuracies	-40 to +100 °C: ± 3°C -20 to +60 °C: ± 2°C 0 to +50 °C: ± 1°C	-40 to +212 °F: ± 5°F -4 to +140 °F: ± 4°F +32 to +22 °F: ± 2°F
Humidity range & corresponding accuracies	0 to 99 RH: ± 5 RH	
Dimensions & weight	Ø 12 x 89 mm – 13 g	Ø 0.5 x 3.5 inch – 0.46 oz
Storage conditions	0 to 125°C (peak) – 20 to 60% RH / +32 to 257°F (peak) – 20 to	
International Protection rating	IP40	

To get the best accuracy keep sensor at distance from heat sources (in particular avoid placing the sensor above a heat source).

To prevent sensor being warmed by SDT270/SDT200 devices, maintain the device horizontally or use the optional cable FUCABLSPLE7LE7-4 .

Important notice:

Do not use this product as safety or emergency stop device or in any other application where failure of the product could result in personal injury.

02	BDK 2015-06-25	New SDT Layout; minor changes	GEL
01	TSA 2013-07-30	Original version	JPD
Ver.	Editor	Nature of modification	Verified