

T7310 - RS232



Model: T7310

Temperature and Humidity Sensor

RS232 interface, LCD display

Table

Humidity	0 to 100%
Humidity Accuracy	±2.5% RH (5 to 95% at 23°C)
Temperature Accuracy	±0.4°C
Temperature Range	0 to 100°C
Temperature Accuracy (RH > 30%)	±1.5°C (T < 25°C) / ±0.5°C (-60 to +80°C)
Mass Concentration Accuracy	±1.5g/m ³ (T < 25°C) / ±0.5g/m ³ (0 to 400 g/m ³)
Mass Concentration Accuracy (T < 35°C)	±2g/kg (0 to 550 g/kg)
Mass Concentration Accuracy (T < 35°C)	±2g/kg (0 to 995 g/kg)
Mass Concentration Accuracy (T < 25°C)	±3kJ/kg (0 to 995 kJ/kg)
Pressure Range	600 to 1100hPa
Pressure Accuracy	±(1,3hPa+0.06% of reading) at 23°C from 800 to 1100hPa
Pressure Units	hPa, kPa, mbar, mmHg, inHg, inH ₂ O, PSI, oz/in ²
Operating Temperature	-30 to +80°C
LCD Display	Monochrome +70°C, Monochrome +70°C, LCD
Communication Protocol	ModBus
Communication Protocol	ModBus RTU, Advantech ADAM
Communication Rate	110 to 115200 Bd
Probe Length	0.025mm - 100mm
IP Rating	IP54, IP40
Power Supply	9-30Vdc, 6mA
Dimensions	88.5 x 170 x 39.5 mm (W x H x D), 75 mm
Weight	230g
Warranty	3 years