

# T7311 - RS232

Model: T7311

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	±0.4°C
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Temperature Range	±1.5°C (T < 25°C) RH > 30% -60 to +80 °C
Humidity Range	±1.5g/m <sup>3</sup> (T < 25°C) 0 to 400 g/m <sup>3</sup>
Humidity Accuracy	±2g/kg (T < 35°C) 0 to 550 g/kg
Humidity Accuracy	±2g/kg (T < 35°C) 0 to 995 g/kg
Humidity Accuracy	±3kJ/kg (T < 25°C) 0 to 995 kJ/kg
Pressure	600 to 1100hPa
Pressure Accuracy	±(1,3hPa+0.06% of reading) at 23°C from 800 to 1100hPa
Pressure Range	hPa, kPa, mbar, mmHg, inHg, inH <sub>2</sub> O, PSI, oz/in <sup>2</sup>
Temperature Range	-30 to +80°C
LCD Display	Two-line LCD, +70°C, +70°C, LCD
Communication	ModBus RTU, Advantech ADAM
Communication Rate	110 to 115200 Bd
Probe Length	0.025mm - 1m
IP Rating	IP54, IP40
Power	9-30Vdc, 6mA
Cable Length	1m, 2m or 4m
Dimensions	88.5 x 114 x 39.5 mm (W x H x D), 88 mm, 18mm
Weight	290g - 1m
Warranty	3