

T3311 RS232

Model: T3311

Temperature and humidity sensor
with RS232 interface
for industrial applications



Features

Humidity range	0 to 100%
Humidity accuracy	$\pm 2.5\%$ RH at 23°C
Temperature range	$\pm 0.4^{\circ}\text{C}$
Temperature accuracy	$\pm 1.5^{\circ}\text{C}$
Operating temperature	$\pm 1.5^{\circ}\text{C}$ at $T < 25^{\circ}\text{C}$ and $\text{RH} > 30\%$ -60 to +80°C
Operating humidity	$\pm 1.5\text{g/m}^3$ at $T < 25^{\circ}\text{C}$ 0 to 400 g/m ³
Operating pressure	$\pm 2\text{g/kg}$ at $T < 35^{\circ}\text{C}$ 0 to 550 g/kg
Operating energy	$\pm 2\text{g/kg}$ at $T < 35^{\circ}\text{C}$ 0 to 995 g/kg
Operating power	$\pm 3\text{kJ/kg}$ at $T < 25^{\circ}\text{C}$ 0 to 995 kJ/kg
Operating voltage	-30 to +80°C
LCD display	Monochrome +70°C, Monochrome +70°C, LCD display
Interface	ModBus RTU, Advantech ADAM
Protocol	110 to 115200 Bd
Dimensions	0.025mm - 0.025mm
IP rating	IP65, IP40
Power	9-30Vdc, 6mA
Weight	88.5 x 170 x 39.5 mm (W x H x D), 75mm
Material	230g
Life	3 years