

# T3113 4-20mA

Model: T3113

Temperature and Humidity Sensor

Probe length: 150mm



Table

Temperature range	-30 to 125°C
Humidity range	0 to 100%
Humidity accuracy	±2.5% RH (5 to 95% at 23°C)
Temperature accuracy	±0.4°C (-30 to +100°C) / ±0.4% RH (+100°C)
Temperature resolution	0.1°C
Humidity resolution	0.1% RH
Temperature stability	±1.5°C (T < 25°C, RH > 30%) / ±0.1°C (-60 to +80°C)
Humidity stability	±1.5% RH (T < 25°C, RH > 30%) / ±0.1% RH (0 to 400 g/m <sup>3</sup> )
Temperature repeatability	±2g/kg (T < 35°C) / ±0.1% RH (0 to 550 g/kg)
Humidity repeatability	±2g/kg (T < 35°C) / ±0.1% RH (0 to 995 g/kg)
Temperature repeatability	±3kJ/kg (T < 25°C) / ±0.1% RH (0 to 995 kJ/kg)
Operating temperature	-30 to +80°C
LCD display	2-line LCD, +70°C, +70°C, LCD
Output	4-20mA, 0-10Vdc
Probe diameter	0.025mm - 0.05mm
IP rating	IP65, IP40
Power supply	9-30Vdc
Dimensions	88.5 x 250 x 39.5 mm (W x H x D), 150 mm
Weight	225g
Life	3 years