

# 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               | Backlit LCD, +70°C max, +70°C min                                     |
| Probe length              | 150mm   |
| Output signal             | 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 probe                        |
| Weight                    | 225g  |
| Warranty                  | 3 years   |