



Room hygrostats with integrated humidity sensor type NRP

Compact controller with integrated humidity sensor

Specifications

Operating voltage: 24VDC/VAC50/60Hz $\pm 10\%$
Power consumption: max. 3VA
Sensor: capacity sensor element
Range: 0...100% r.H.
Length sensing probe: 160mm
Accuracy: $\pm 3\%$ at 25°C/55% r.H.
Repeatability: $\pm 0.1\%$
Humidity: <95% r.H. non condensing
Temperature: 0...50°C
Controller: PI
Output signal: 0...10VDC or 0...20mA
Resolution: 9.76 mV (10 bit)
Accuracy: $\pm 3\%$ at 25°C
Protection to EN60529/Safety class: IP30/III (IEC60536)
CE: EN 61 000-6-1 & EN 61 000-6-3