

H7012

Room Humidity and Temperature Sensors

실내 온습도 감지기



개요

H7012A 정전용량식 습도 감지기입니다.

특징

- 정전용량식
- 넓은 온도 감지 범위
- 온도지시형(H7012B)

특성 및 규격

Model I

Model	Humidity Sensing Range	Temperature Sensor	Temperature Sensing Range F(C)
H7012A	5 to 95% rh	-	-
H7012B		PT1000	32 to 122°F (0 to 50)
		Balco 500	

Electrical Requirements | 24V +20%, -30%, 50/60 Hz; or 24 to 40V dc, 20 mA at 24V

Ambient Limits

- Operating : 32 to 122°F (0 to 50°C), 5 to 95% rh (non-condensing)
- Storage : -13 to 158°F (-25 to 70°C), 0 to 100% rh (non-condensing)

Housing | ABS Plastic, flame retardent per UL 94-V0

Temperature Sensor

- Nominal Resistance
 - Pt 1000: 1000Ω @ 32°F (0°C)
 - BALCO: 500Ω @ 74°F (23.3°C)
- Sensitivity
 - Pt 1000 : 2,14Ω/°F (3,85Ω/°K)
 - BALCO : 1,1Ω/°F (2Ω/°K)
- Response time : τ0,5 = 2,5 min

Relative Humidity Sensor

- Output Ranges : 0 to 1V dc, 0 to 10V dc
- Output Impedance : 1V range: 183Ω, 10V range: 274Ω
- Sensitivity : 1V range: 10 mV/% rh, 10V range: 100 mV/% rh
- Response time : τ0,5 = 35s

Accessories | 14507393-001 : Wall Mount Plate, adapts sensor to 2 in. x 4 in, electrical junction box. Package of 10 plates.

외형 및 크기 (단위 : mm)

