

T7413

Immersion Temperature Sensors

배관 온도 감지기



개요

pt100 Ω 배관 온도 감지기로 모닝온수 조절시스템에 사용됩니다.

특징

- Pt100 Ω 소자
- 넓은 온도범위
- 높은 정확도
- 선택 가능한 배관용 Well 길이

특성 및 규격

Ambient Limits I

- Transport and storage temperature : $-25...+70$ °C ($-13...+158$ °F)
- Humidity : 5...95%rh, non condensing

Safety I

- Protection standard terminal box : IP54 as per EN60529
- Flame retardant terminal box : V1 as per UL94, Plastic (PC)

Temperature Sensor I

- Characteristic : See ENOC-0603
- Nominal value : 1000 Ω at 0 °C
- Sensitivity : $\approx 3,85$ Ω / K
- Accuracy : DIN IEC751 Class B, $\Delta T/K = 0,3 + 0,005 \cdot t$ (t = °C)
- Response time : $\tau_{0,5} \approx 25$ s (with immersion well)

모델

| OS-No. | Temperature Sensing Range | Length mm (inch) | | Immersion Well |
|------------|--------------------------------|------------------|-------------|---|
| | | L1 | T1 | |
| T7413A1009 | -25 ... +130°C (-13 ...+266°F) | 184 (7,24) | 147 (5,79) | Connection thread: Brass, R1/2" / BSP1/2" Probe: Copper, PN16 |
| T7413A1041 | -25 ... +150°C (-13 ...+302°F) | 184 (7,24) | 147 (5,79) | Well not included |
| T7413A1058 | | 348 (13,70) | 312 (12,28) | |

Immersion Well

| Order-No. | Temperature Range | Length mm (inch) T2 | Well |
|-----------------|------------------------------------|--|---|
| VFHT | -25 ... +130 °ΔC (-13 ...+266 °ΔF) | 135 (5,31) | Connection thread: Brass, R1/2"± / BSP1/2"± Probe: Copper, PN16 |
| VFL | | 300 (11,81) | |
| VFNT 135 (5,31) | -25 ... +150 °ΔC (-13 ...+302 °ΔF) | 135 (5,31) | Stainless Steel R1/2"± / BSP1/2"± PN25 |
| VFLN | | 300 (11,81) | |
| 43193840-001 | -25 ... +130 °ΔC (-13 ...+266 °ΔF) | 235 (9,25) 90 (3,54) for insulation | Connection thread: Brass, R1/2"± / BSP1/2"± Probe: Copper, PN16 |
| 43193841-001 | -25 ... +150 °ΔC (-13 ...+302 °ΔF) | 235 (9,25) 90 (3,54) for insulation | Stainless Steel R1/2"± / BSP1/2"± PN25 |