

New TF-2000 temperature probe: Reliable measured values and robust design

Klingenberg, February 2025. The new TF-2000 cable temperature probe provides reliable temperature values for refrigeration technology, heating and heat pumps. The temperature probe can easily withstand frequent changes between thawing and freezing point, as the measuring element is overmoulded with plastic and thus dust-tight and waterproof. In addition, quick-mounting brackets enable time-saving installation. The thermometer can be mechanically stabilised using a stainless steel sleeve. This ensures increased measurement reliability in, for example, buffer tanks for heating and hot water.

The TF-2000 is completely leak-tight in accordance with IP68 ingress protection. Even without an optional probe sleeve, neither condensation nor steam can penetrate the measuring element. This minimises the risk of failures, ensures measurement accuracy, optimises service life and ensures investment security.

The model TF-2000 with a square brass sleeve can be fastened in seconds using quick-mounting brackets, without any copper tubes being soldered on. Instruments, which have several temperature measuring locations, can be equipped in a time-saving and cost-effective manner. Due to its brass design, the square sleeve ensures good heat conduction and prevents contact corrosion. There is no need to apply thermal compound – nor does this compromise on accuracy or response time.

For further information see also the following video:
<https://www.youtube.com/watch?v=-iKh9xAUfgw>

Number of characters: 1,433
Keyword: TF-2000

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