

Wie ist die Genauigkeit des Kentix SmartXcan?

In order to ensure an accurate measurement, certain environmental parameters must be observed. Outside these ranges, measurement errors may occur. Although the system tries to compensate for environmental influences by using various auxiliary sensors, this cannot always be guaranteed due to the complexity of the measurement and the many possible external influences.

Another important aspect of accuracy is the acclimatisation of the SmartXcan and the person taking the measurement. Both should be in the same environment for at least 30 minutes before the measurement. This ensures the most accurate measurement result.



Notice

The measuring ranges of the SmartXcan and its accuracy:

Room temperature sensor: Measuring range 0 to 85 °C (accuracy ± 0.5 °C)

Air humidity sensor: Measuring range 0 to 100 % (accuracy ± 3 %)

Infrared sensor: Measuring range 0-100 °C, repeatability ± 0.3 °C, resolution 0.1 °C, emission factor 0.98, ambient temperature 18 - 28 °C