Expansion thermometer
Model TF58, edgewise panel design 58 x 25 mm
Model TF59, edgewise panel design 62 x 11 mm

Applications
- Refrigeration industry
- Food and beverage industry
- Heating, ventilation, air conditioning
- Compressors

Special features
- Temperature display independent from measuring point
- With capillary
- Universally applicable
- Plastic case for panel mounting

Description
The model TF58 and TF59 expansion thermometers are temperature measuring instruments in plastic cases with drum dials.

The design of each model varies depending on the indication accuracy, scale length, dimensions, type of mounting and panel frame design.
Standard version

Nominal size
Model TF58: edgewise panel design 58 x 25 mm
Model TF59: edgewise panel design 62 x 11 mm

Accuracy class
Model TF00-058 KHR: ±3 % of measuring range
Model TF00-058 KHS: ±4 % of measuring range
Model TF01-058 KF: ±2 % of measuring range
Model TF00-059 K: ±2 % of measuring range
Model TF00-059 K45: ±2 % of measuring range
Model TF01-059 K: ±2 % of measuring range
Model TF01-059 K45: ±2 % of measuring range

Scale range
Model TF58: -50…..+250 °C
Model TF59: -40…..+200 °C

Operating temperatures
- Case: -20 … +70 °C
- Capillary:
  - plastic covered -40 … +120 °C
  - copper alloy -100 … +350 °C

Dial
Plastic, white, black lettering

Scale length
Model TF00-058 KHR: max. 90 °
Model TF00-058 KHS: max. 90 °
Model TF01-058 KF: max. 180 ° (optional: 240 °)
Model TF00-059 K: max. 180 ° (optional: 240 °)
Model TF01-059 K: max. 180 °
Model TF01-059 K45: max. 180 °

Measuring principle
Bourdon tube system

Capillary length
max. 5 m

Capillary outlet
back

Temperature sensor
Design of connection SF94

Case
Plastic (ABS) black
Model TF00-058 KHR with panel frame (chrome plated ABS)

Type of mounting
Panel mounting with spring clips

Window
Crystal-clear plastic

Options
- Other scale ranges
- Other design of connection of the temperature sensor
- Special scales
- Vertical arrangement
- Certified calibration (TF01-058KF-E)
- Case, steel zinc plated
- Case plastic white or grey
Dimensions in mm

Model TF00-058KHR

Model TF00-058KHS

Options

Model TF01-058KF (radius 3 mm)

Model TF01-058KF (radius 5 mm)
The specifications given in this document represent the state of engineering at the time of publishing.
We reserve the right to make modifications to the specifications and materials.

Ordering information
Model / Scale range / Capillary length / Capillary material / Design of connection / Options

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