

# Capillary thermo-manometer

**Application:** For heating and refrigeration, typically for boiler

**System:** Temperature: Liquid expansion

Pressure: Bourdon tube and movement

**Model:** CTM40

## Specification:

**Case:** reinforced nylon, standard colours black or white, other colours on request, case dia 40mm

**Frame:** 43mm dia

**Fixing system:** moulded-in elastic tabs.

**Window:** shatterproof clear plastic,

**Capillaries:** PVC-coated copper; standard lengths 0,5 - 1 - 1,5 metres, other lengths on request.

**Temperature Bulb:** copper

**Temperature Sensing element:** Beryllium spiral tube

**Fitting on manometer capillary:** brass; G1/4 as standard, G1/8, M14x1, fast connections and special design on request.

**Pressure Sensing element:** "C" shape Bourdon tube

**Movement:** copper alloy, high-sensitivity amplification mechanism

**Dial:** printed plastic dial. Custom designed dials on request

**Temperature scale:** 0/120°C; other scales on request.

**Pressure scales:** 0/4 or 0/6 bar; other scales on request.

**Accuracy:**  $\pm 3\%$  of full scale value (both temperature and pressure scales).

