

DIGITAL THERMOMETER BASED ON A THERMOCOUPLE WITH AN INDICATOR DN 100

Digital thermometer is a full electronic structure, which is divided into four structures, back, bottom, every angle and capillary. It is powered by battery and easy to install in the field. The high precision PT100 is used to display the actual temperature value by the LCD display.

The intelligent digital thermometer is flexible, easy to operate, easy to debug, safe and reliable. It is widely used in hydroelectric, water, oil, chemical, mechanical, hydraulic and other industries, to measure the temperature of the fluid medium.



Norm reference: EN 13190.

Nominal range: from -50°C a + 110°C
(optionally -60 to + 400 °C)

Measuring range: from -50°C a + 110°C
(optionally -60 to + 400 °C)

Precision: 1 as stated in EN 13190 (nominal range)

Over-temp: 25% nominal range

Ambient temperature: -20...+65°C.

Maximum working pressure: 25 bar (without thermowell)

Protection: IP 55 as stated in IEC 529.

Process connection: AISI 316.

Immerser: Ø 12 mm, or 6 mm. AISI 316, with rigid extension or flexible extension Ø2.5mm.

Rigid immerser length: For immerser Ø 12 or 6 = 85... 1.000 mm.

Measuring element: PT100 SENSOR

Enclosure: Stainless steel

Closing ring: Stainless steel

Visor: ABS protector/tempered glass

Dial: Aluminium with white background

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