

Temperature measuring

Description:

Screw-in RTD temperature probes for standard applications are preferentially used for measuring temperatures in liquids and gases. A decisive selection criterion is the reliable sealing feature of this installation type with vacuum and with overpressure. The measuring insert is fitted with a Pt100 temperature sensor according to DIN EN60751, Class B in 2-wire circuit

Technical data:

sheath: stainless steel

Process connection: thread 1/2 ", stainless steel

Temperature range: -50 to +400°C

Terminal head:

Form B DIN EN 50446, die-cast aluminum, M 20x1.5;
IP65, ambient temperature -40 to +100 °C

Process connection

thread, stainless steel 1.4571

Sheath

Stainless steel 1.4571

Measuring insert

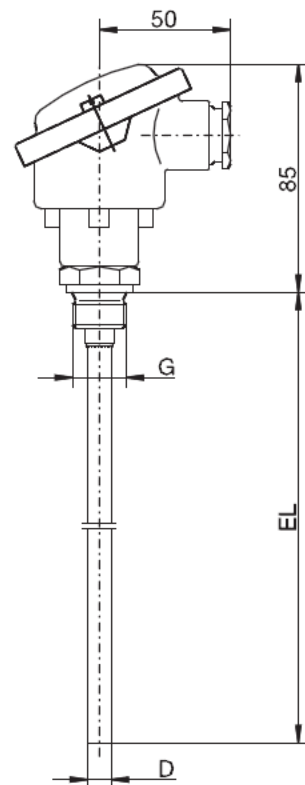
Pt100 temperature sensor DIN EN 60751, cl. B, 2-wire circuit, built-in

Response times

t0.5 = 5 s, t0.9 = 14 s in water 0.4 m/s; Ø 6 mm

Transmitter

Analog transmitter programmable, output 4 to 20 mA



D = Ø 6 mm
EL = 150mm