

(PREVIEW)

Indian Standard

**SPECIFICATION FOR INDUSTRIAL PLATINUM
RESISTANCE THERMOMETER SENSORS**

1. SCOPE

1.1 This standard specifies requirements and test methods for industrial platinum resistance thermometer sensors whose electrical resistance is a defined function of temperature. The standard covers thermometers suitable for all or part of the temperature range - 200°C to 850°C with two tolerance classes. It is primarily concerned with sheathed elements suitable for immersion in the medium whose temperature is to be measured.