

Temperature Sensors



Albion manufactures a range of temperature sensors for industrial temperature compensation applications.

Workpiece Temperature Sensors, wired, AD590 I/C s and PT-100 RTD

Work piece sensors are of durable construction and feature floating heads. They also sense the temperature of a master (standard, or calibration artifact) during calibration. Albion's unique work piece temperature sensors respond within 2 to 5 seconds of making contact, depending on surface texture, flatness or roundness of that surface.

Gage fixture sensors take the temperature of any fixture, rather than air (ambient) temperature, that is used in the measuring process, such as a gage frame. This allows a temperature compensation system to correct for gage drift as a result of thermal changes after mastering. Ambient temperature is not necessarily representational of a multi-component gage fixture.

Description	Spring loaded head	Part #	
IS-1 Durable sensor for outside diameter measurement applications. 6 month warranty.	Yes	650301	
IS-2-C Highly durable sensor curved face for inside diameter applications. 6 month	Yes	650394-C	
IS-2-F Highly durable sensor flat face. 6 month warranty.	Yes	650394-F	
LW-1 Low cost sensor for lower volume applications. 3 month warranty	Yes	900112	
LW-2 Low cost sensor on spring flexure, primarily for lower volume applications. 3 month	Spring flexure only	900113	
GS-1 sensor. Used to sense gage (ambient) temperature. 6 month warranty.	No	650302	
AD-100 100 Ohm RTD Sensor. Built around a platinum 100 temperature sensor. 6	Yes	900523	
AD-200 100 Ohm RTD Sensor. Built around a platinum 100 temperature sensor. 6	Yes	900524	
AD-300 100 Ohm RTD Sensor. Built around a platinum 100 temperature sensor. 6	Yes	900540	
AD-400 100 Ohm RTD Sensor. Built around a platinum 100 temperature sensor. 6	Yes	900550	

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