

713 bendable area-averaging sensor



Overview

Installed in air ducts, cooling towers, air-handling systems and other applications where measuring the average temperature in a large area is necessary.

Available with a choice of housings to suit application requirements.

Ideal for remote sensing when used in conjunction with a temperature transmitter.

Technical specification

Feature	Description
Element type	Standard platinum, 100 ohms @ 0C (32F), .00385, TCR, with optional Pt1000
Accuracy	+/-1.38C (+/-2.5F)
Termination housing	Standard galvanized steel utility box, with optional NEMA4 steel box
Sensor sheath length	Standard 8 to 30 feet
Maximum operating temperature	93°C (200°F)
Sensor lead wire	Three 24 AWG Teflon insulated
Insulation resistance	Greater than 100 Megohms @ 100VDC @ 21C (70F)
Accessory	4500H transmitter (0502-157-0003)

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