



TEMPERATURE

NICKEL-IRON / BALCO RTD ROOM SENSORS TYPE 5, 77, 78 ROOM SENSORS

DESCRIPTION

The **Kele Wire Wound Nickel-Iron RTD Balco Room Sensors** are used to provide reliable, accurate temperature readings in surface-mount room environments. The room sensors feature a stainless steel insulated plate, a standard plastic ventilated enclosure, or a deluxe executive enclosure design. The stainless steel plate is ideal for areas of vandalism or where the sensor can be easily knocked off the wall. The sensors are designed for interior use only in the temperature range of -30° to 140°F (-34° to 60°C).



ST-T*E



ST-S*



ST-S*K



ST-S*P

SPECIFICATIONS

Sensitivity

Type 5	2.2Ω/°F @ 70°F (21°C)
Type 77	2.48Ω/°F @ 70°F (21°C) two red wires
Type 78	4.96Ω/°F @ 70°F (21°C) two gray wires

Sensor Type

Type 5	1000Ω Nickel @ 70°F (21°C)
Type 77	1000Ω Balco ±0.12% @ 70°F (21°C)
Type 78	2000Ω Balco ±0.12% @ 70°F (21°C)

Temperature Range

Sensor Type

Type 5, 77	1000Ω @ 70°F (21°C)
Type 78	2000Ω ±0.12% @ 70°F (21°C)

Mounting

Warranty

Directly to wall or single gang box
1 year

ORDERING INFORMATION

MODEL	DESCRIPTION
ST-S	Surface-mount room sensor
RTD SENSOR TYPE	
5	1000Ω nickel-iron, Balco sensor
77	1000Ω nickel-iron, Balco sensor
78	2000Ω nickel-iron, Balco sensor
ENCLOSURE	
P	Plastic ventilated room enclosure
E	Executive-style room enclosure with tan faceplate
-	Stainless steel plate
K	Decorator-style room enclosure

ST-S

5

E

Example: ST-S5E Executive style 1000Ω nickel-iron room sensor with tan faceplate

RELATED PRODUCTS

KT1

T5U Series

UR

Mounting screwdriver 1/16" allen key
Temperature transmitter for 1000Ω nickel-iron Balco sensor
Moisture-resistant three-wire butt splice