

ROOM RTD TEMPERATURE SENSOR

AIR
model



Feature

- ✓ Enclosure : Aluminum or PVC – IP65
- ✓ AIR1 Style
 - Aluminum Enclosure (IP65) : 128(L)x79(W)x61(D)
 - Cable entry: via cable gland PG13.5
- ✓ AIR2 Style
 - PVC Enclosure (IP65): 95(L)x 65 (W)x 55(D)
 - Cable entry: via cable gland PG9
- ✓ Available with built in Isolated transmitter
- ✓ Wire Termination: Screw terminal block
- ✓ Suitable for environment measurement
i.e Engine Room, Freezer, Refrigeration

RTD - Resistance Temperature Detector

- ✓ Type Available: PT100, PT500, PT1000
- ✓ 2 wire, 3 wire, 4 wire available
- ✓ Temperature range available from -50 to 100 °C
- ✓ According to DIN EN 60751
- ✓ Alpha value = 0.00385 per ITS 90

STANDARD RTD MODEL

Description

AIR Model , Room Temperature Sensor, RTD

Order Code	Type	No of Wire	Application	Transmitter O/P	Transmitter Setting	Enclosure	Accuracy
AIR1-001	PT100	4	Room	None	0 to 100°C	Aluminum	Class B
AIR1-002-TN	PT100	2	Refrigeration Room	4-20mA	-10 to 50°C	Aluminum	Class B
AIR1-003-TN	PT100	2	Freezer Room	4-20mA	-40 to 50°C	Aluminum	Class B
AIR1-004-TN	PT100	2	Engine Room	4-20mA	0 to 100°C	Aluminum	Class B
AIR2-001	PT100	4	Room	None	0~80°C	PVC	Class B
AIR2-002-TN	PT100	2	Refrigeration Room	4-20mA	0 to 10°C	PVC	Class B
AIR2-003-TN	PT100	2	Engine Room	4-20mA	0 to 80°C	PVC	Class B