

TE-205-EX

SPECIFICATIONS:

Platinum RTD sensors:	+/- 0.1% @ 0 C, Alpha : 385 per DIN 43760
Nickel RTD sensors: (#2)	+/- 0.5 C @ 0 C, 5000 PPM/K T.C.R.
Nickel RTD sensors: (#4)	+/- 0.5 F @ 70 F / 21.1 C, 6000 PPM/K T.C.R.
Balco RTD sensors:	+/- 0.5 F @ 70 F /21.1 C, 4300 PPM/K T.C.R.
Thermistor sensors:	+/- 0.2 C interchangeability @ 77 F/ 25 C
Plastic Enclosure:	Off-white ABS plastic
Operating Temp:	-40F/-40C to 210F/100C
Ambient Temp:	-40F/-40C to 160F/70C
Weight:	5.0 oz (142 g)

CONFORMANCE & TESTING:

RoHS Compliant

EMC Testing:

BS EN 55022:1998, BS EN 55024:1998,
EN 61000-3-3, EN 61000-4-2,
EN 61000-4-3, EN 61000-4-4,
EN 61000-4-5, EN 61000-4-6,
EN 61000-4-11

ORDERING INFORMATION: TE-205-EX-

Temperature Sensor	Option
1 100 ohm Platinum RTD	0 Sensor Only
2 1,000 ohm Nickel RTD (5000 PPM)	1 Sensor, Push-button override
3 1,000 ohm Platinum RTD	2 Sensor, Push-button, Set-point adjust
4 1,000 ohm Nickel RTD (6000 PPM)	3 Sensor, Push-button, Set-point adjust, and Communication jack
5 1,000 ohm Balco RTD	4 Sensor, Set-point adjust
7 10,000 ohm NTC thermistor (Type III)	5 Push-button, Communication jack
8 10,000 ohm NTC thermistor (Carel)	
10 3,000 ohm NTC thermistor	
12 10,000 ohm NTC thermistor (Type II)	
13 5,000 ohm NTC thermistor	
14 1,035 ohm Silicon PTC	
15 100,000 ohm NTC thermistor	
16 10,000 ohm NTC thermistor (Eliwell)	
17 20,000 ohm NTC thermistor	
18 2,252 ohm NTC thermistor	
21 1,800 ohm NTC thermistor	

Example: TE-205-EX-2-5: Executive Enclosure with 1,000 ohm Nickel RTD Sensor, Push button override and Communication jack

* For sensor compatibility, please refer to TI.700-10.

** For complete **Resistance vs. Temperature** tables, please refer to TI.700-11.

CAUTION: Do not use in explosive/hazardous environment or with flammable/combustible media.