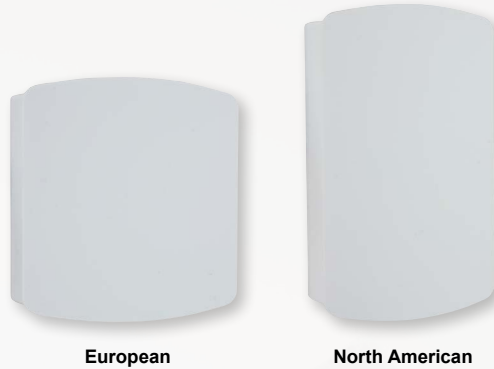




## SERIES TE-E/N | WALL MOUNT TEMPERATURE SENSORS



European

North American

### BENEFITS/FEATURES

- North American or European housing aesthetic options
- Uniform look matches other Dwyer wall mount devices
- Universal mounting plate meets various installation requirements

### APPLICATIONS

- Building automation
- Room temperature monitoring

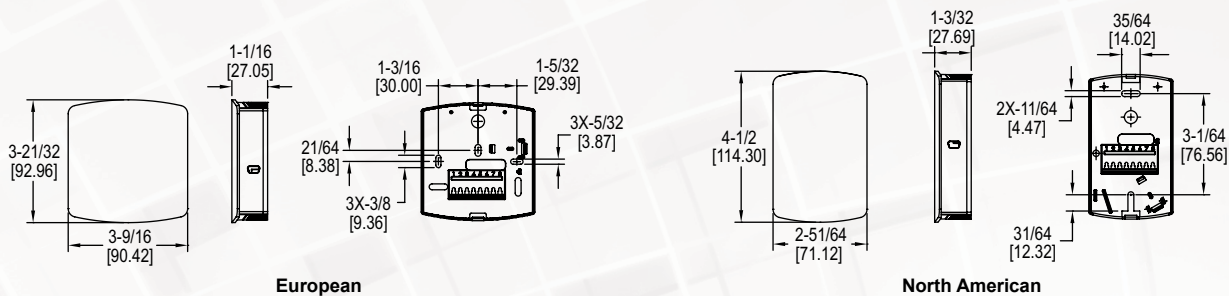
### DESCRIPTION

The Series TE-E/N Wall Mount Temperature Sensors provide a low cost temperature input for any building management system.

### SPECIFICATIONS

<b>Accuracy</b>	Thermistor temp sensor: $\pm 0.22^{\circ}\text{C}$ @ $25^{\circ}\text{C}$ ( $\pm 0.4^{\circ}\text{F}$ @ $77^{\circ}\text{F}$ ); RTD temp sensor: DIN class B; $\pm 0.3^{\circ}\text{C}$ @ $0^{\circ}\text{C}$ ( $\pm 54^{\circ}\text{F}$ @ $32^{\circ}\text{F}$ ).
<b>Temperature Limits</b>	-40 to $140^{\circ}\text{F}$ (-40 to $60^{\circ}\text{C}$ ).
<b>Housing Material</b>	ABS plastic.
<b>Weight</b>	0.3 lb (136 g).

### DIMENSIONS

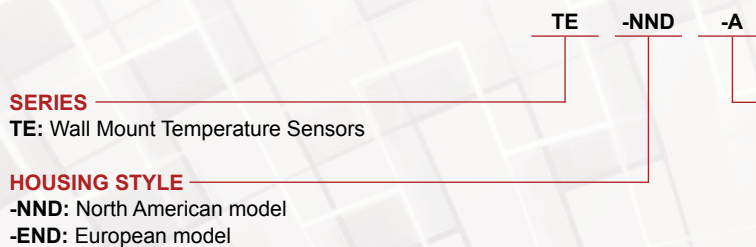


European

North American

### HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.



**TE:** Wall Mount Temperature Sensors

**-NND:** North American model  
**-END:** European model

**-A:** 10k  $\Omega$  type III thermistor  
**-B:** 10k  $\Omega$  type II thermistor  
**-C:** 3k  $\Omega$  thermistor  
**-D:** Pt100  $\Omega$  RTD  
**-E:** Pt1000  $\Omega$  RTD  
**-F:** 20k  $\Omega$  thermistor  
**-Q:** 10k  $\Omega$  type III with 11 k  $\Omega$  shunt\*

\*North American housing style only.

RESISTANCE VS TEMPERATURE TABLE								
Temperature Resistance Curves ( $\Omega$ )								
$^{\circ}\text{C}$	$^{\circ}\text{F}$	A - 10k $\Omega$ type III thermistor	B - 10k $\Omega$ type II thermistor	C - 3k $\Omega$ thermistor	D - PT100 $\Omega$ RTD	E - PT1000 $\Omega$ RTD	F- 20k $\Omega$ thermistor	Q - 10k $\Omega$ type III thermistor with 11k $\Omega$ shunt
		Green/Green	Red/Green	Black/Black	Yellow/Yellow	Red/Red	Green/Blue	Red/White
-55	-67.0	607800.00	963849.00	289154.70	78.32	783.2	2394000.00	10804
-50	-58.0	441200.00	670166.00	201049.80	80.31	803.1	1646200.00	10732
-45	-49.0	323600.00	471985.00	141595.50	82.29	822.9	1145800.00	10638
-40	-40.0	239700.00	336479.00	100943.70	84.27	842.7	806800.00	10517
-35	-31.0	179200.00	242681.00	72804.30	86.25	862.5	574400.00	10364
-30	-22.0	135200.00	176974.00	53092.20	88.22	882.2	413400.00	10172
-25	-13.0	102900.00	130421.00	39126.30	90.19	901.9	300400.00	9938
-20	-4.0	78910.00	97081.00	29124.30	92.16	921.6	220600.00	9654
-15	5.0	61020.00	72957.00	21887.10	94.12	941.2	163500.00	9320
-10	14.0	47540.00	55329.00	16598.70	96.09	960.9	122280.00	8933
-5	23.0	37310.00	42327.00	12698.10	98.04	980.4	92240.00	8495
0	32.0	29490.00	32650.00	9795.00	100.00	1000.0	70160.00	8012
5	41.0	23460.00	25392.00	7617.60	101.95	1019.5	53780.00	7489
10	50.0	18780.00	19901.00	5970.30	103.90	1039.0	41560.00	6937
15	59.0	15130.00	15712.00	4713.60	105.85	1058.5	32340.00	6369
20	68.0	12260.00	12493.00	3747.90	107.79	1077.9	25360.00	5798
25	77.0	10000.00	10000.00	3000.00	109.74	1097.4	20000.00	5238
30	86.0	8194.00	8057.00	2417.10	111.67	1116.7	15892.00	4696
35	95.0	6752.00	6531.00	1959.30	113.61	1136.1	12704.00	4184
40	104.0	5592.00	5326.00	1597.80	115.54	1155.4	10216.00	3707
45	113.0	4655.00	4368.00	1310.40	117.47	1174.7	8264.00	3271
50	122.0	3893.00	3602.00	1080.60	119.40	1194.0	6722.00	2875
55	131.0	3271.00	2986.00	895.80	121.32	1213.2	5498.00	2521
60	140.0	2760.00	2488.00	746.40	123.24	1232.4	4520.00	2206
65	149.0	2339.00	2083.00	624.90	125.16	1251.6	3734.00	1929
70	158.0	1990.00	1752.00	525.60	127.08	1270.8	3100.00	1685
75	167.0	1700.00	1480.00	444.00	128.99	1289.9	2586.00	1472
80	176.0	1458.00	1255.00	376.50	130.90	1309.0	2166.00	1287
85	185.0	1255.00	1070.00	321.00	132.80	1328.0	1822.60	1126
90	194.0	1084.00	915.50	274.65	134.71	1347.1	1540.00	986.8
95	203.0	939.30	786.60	235.98	136.61	1366.1	1306.40	865.4
100	212.0	816.80	678.60	203.58	138.51	1385.1	1112.60	760.3
105	221.0	712.60	587.60	176.28	140.40	1404.0	951.00	669.2
110	230.0	623.60	510.60	153.18	142.29	1422.9	815.80	590.1
115	239.0	547.30	445.30	133.59	144.18	1441.8	702.20	521.4
120	248.0	481.80	389.60	116.88	146.07	1460.7	606.40	461.6
125	257.0	425.30	341.90	102.57	147.95	1479.5	525.60	409.5
130	266.0	376.40	301.00	90.30	149.83	1498.3	N/A	363.9
135	275.0	334.00	265.80	79.74	151.71	1517.1	N/A	324.2
140	284.0	297.20	235.30	70.59	153.58	1535.8	N/A	289.4
145	293.0	265.10	208.90	62.67	155.46	1554.6	N/A	258.9
150	302.0	237.00	186.10	55.83	157.33	1573.3	N/A	232.0

**ORDER ONLINE TODAY!**

[dwyer-inst.com](http://dwyer-inst.com)



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Printed in U.S.A. 12/22

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