

Outdoor and Evaporator Coil Sensors for Packaged and Split York Units

Note: These sensors are used for defrost sensor on heat pumps. Also used other places like on suction line leaving Evap coil for freeze protection or liquid line with FDD option. Sensors listed with clips are for 3/8" line sizes and intended for uses as defrost sensor or liquid line sensor. When mounting on a suction line other clip sizes are listed below if needed.



10 foot leads

S1-02549696000 (MALE PLUG) SENSOR, TEMP, **10FT LEAD**, MALE 1/4" terminals, Yellow wire includes CLIP for 3/8" line

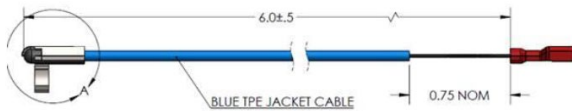
S1-02549697000 (FEMALE PLUG) SENSOR, TEMP, **10FT LEAD**, FEMALE 1/4" terminals, Black wire includes CLIP for 3/8" line

S1-02550561000 Description: SENSOR,TEMP,-40 to 110C, 6 inch leads, MALE 1/4" terminal with 3/8"CLIP

S1-02550562000 Description: SENSOR,TEMP,-40 to 110C, 6 inch leads, FEMALE 1/4" terminal with 3/8"CLIP

S1-02550563000 Description: SENSOR,TEMP,-40 to 110C, 6 inch leads MALE 1/4" terminal Without CLIP

S1-02550564000 Description: SENSOR,TEMP,-40 to 110C, 6 inch leads, FEMALE 1/4" terminal Without CLIP



Sensor line clips or clamps



3/8" S1-02135515000 , 1/2" S1-02135511000 , 5/8" S1-02135517000 , 3/4" S1-02135516000
1 1/8" S1-02135513000 , 1 3/8" S1-02135514000

Note for field usage: expect reading variances up to ±5% due to inherent accuracy tolerances of test instruments.

Temperature °F	pin-to-pin Volts DC	Resistance Ω	Temperature °F	pin-to-pin Volts DC	Resistance Ω
? Unrel open circuit	3.625	infinite	75	1.51	10501
			80	1.41	9298
-40	3.41	330073	85	1.32	8250
-35	3.38	276915	90	1.23	7332
-30	3.34	232613	95	1.14	6530
-25	3.30	195716	100	1.06	5827
-20	3.25	164994	105	0.99	5209
-15	3.19	139404	110	0.91	4665
-10	3.13	118050	115	0.85	4184
-5	3.07	100260	120	0.78	3759
0	3.00	85398	125	0.73	3382
5	2.92	72950	130	0.67	3048
10	2.84	62495	135	0.62	2751
15	2.75	53685	140	0.57	2488
20	2.66	46240	145	0.53	2252
25	2.56	39929	150	0.49	2042
30	2.46	34565	155	0.45	1855
35	2.36	29998	160	0.42	1686
40	2.25	26099	165	0.39	1535
45	2.14	22763	170	0.36	1399
50	2.03	19900	175	0.33	1277
55	1.93	17435	180	0.31	1168
60	1.82	15309	185	0.29	1070
65	1.71	13472	190	0.27	980
70	1.61	11881	? Unrel short circuit	0.00	0