

tekmar® Submittal

Indoor Sensor 084



Accessories

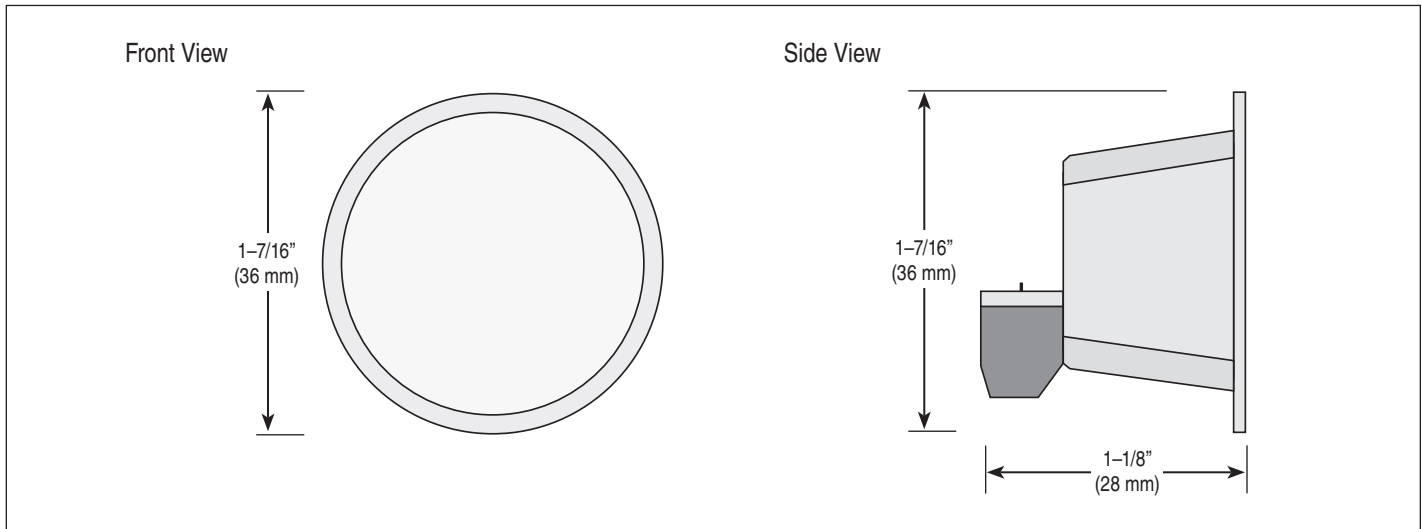
C084

01/11

Replaces: New

Job _____ Designer _____ Contact _____

The Indoor Sensor 084 mounts flush or nearly flush to the wall to give an unobtrusive look and act as a hidden indoor sensor. Since the sensor material is corrosion resistant, drywall installers are able to mud over the sensor, or the 084 can be painted to match the existing wall color. The 084 can be connected to a tekmar thermostat for remote temperature sensing.



Specifications

Indoor Sensor 084	
Literature	D084
Packaged weight	0.1 lbs (50g)
Dimensions	1-7/16" OD x 1-1/8" D (36 OD x 28 mm D)
Enclosure	White PC-ABS plastic
Approvals	CSA C US
Operating range	Indoor use only, -60 to 140°F (-51 to 60°C), RH < 90% Non-condensing
Sensor	NTC thermistor, 10 kΩ @ 77°F (25°C ±0.2°C) β=3892
Warranty	Limited 3 Year (See D084 for full warranty)

Features

- 10K thermistor
- Hidden indoor sensing
- Compatible with tekmar thermostats that support auxiliary sensors

Temperature vs. Resistance

Temperature		Resistance	Temperature		Resistance	Temperature		Resistance	Temperature		Resistance
°F	°C	Ω	°F	°C	Ω	°F	°C	Ω	°F	°C	Ω
-40°	-40°	336,479	68°	20°	12,493	176°	80°	1,255	284°	140°	235
-31°	-35°	242,681	77°	25°	10,000	185°	85°	1,070	293°	145°	208
-22°	-30°	176,974	86°	30°	8,057	194°	90°	915	302°	150°	186
-13°	-25°	130,421	95°	35°	6,531	203°	95°	786	311°	155°	166
-4°	-20°	97,081	104°	40°	5,326	212°	100°	678	320°	160°	148
5°	-15°	72,957	113°	45°	4,368	221°	105°	587	329°	165°	133
14°	-10°	55,329	122°	50°	3,602	230°	110°	510	338°	170°	119
23°	-5°	42,327	131°	55°	2,986	239°	115°	445	347°	175°	107
32°	0°	32,650	140°	60°	2,488	248°	120°	389	356°	180°	97
41°	5°	25,392	149°	65°	2,083	257°	125°	341	365°	185°	87
50°	10°	19,901	158°	70°	1,752	266°	130°	301	374°	190°	79
59°	15°	15,712	167°	75°	1,480	275°	135°	265	383°	195°	72

SPECIAL REQUIREMENTS

N / A



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