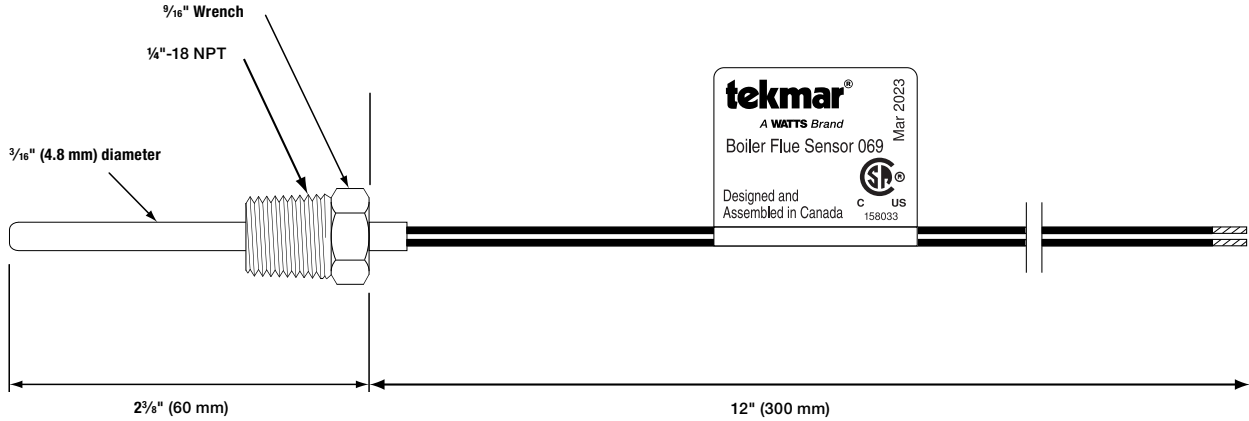


# Submittal

Job \_\_\_\_\_ Designer \_\_\_\_\_ Contact \_\_\_\_\_

## Boiler Flue Sensor 069

The Boiler Flue Sensor 069 measures the boiler flue temperature between 32 to 392°F (0 to 200°C). The sensor is designed to be installed in a ¼" hole in the flue pipe. Having a flue sensor on your system is often a requirement to qualify for utility rebate programs (program requirements vary by jurisdiction).



### Features

- 32 to 392°F (0 to 200°C)
- Stainless steel bulb
- High temperature cable

Call customer service if you need assistance with technical details.

TECHNICAL DATA	
Boiler Flue Sensor 069	
Literature	Submittal, Installation and Operating Manual
Operating Temperature Range	32 to 392°F (0 to 200°C)
Dimensions	9/16" ø x 2 3/8" L (14.2 mm ø x 60 mm L) cable: 12" (300 mm)
Threads	1/4"-18 NPT
Sensor	NTC thermistor, 10 kΩ @ 77°F (25°C ±0.2°C) β=3892
Materials	316L stainless steel (sensor bulb); 2-conductor, 22 AWG with PTFE cable jacket
Packaged Weight	0.15 lbs (66 g)

tekmar product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact tekmar Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on tekmar products previously or subsequently sold.

## 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

### NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.



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