



TS-6300

Plant Temperature Sensor

The TS-6300 Serie temperature sensors provide a passive signal that corresponds to the air or water temperature Heating, Ventilation and Air Conditioning (HVAC) applications.

They are passive resistive signal NTC K2, NTC K10, PT100 or PT1000 related to the sensed temperature.

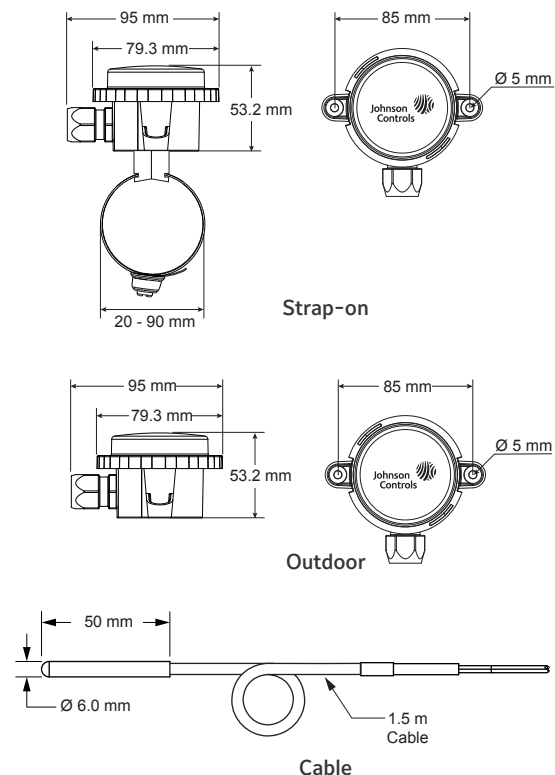
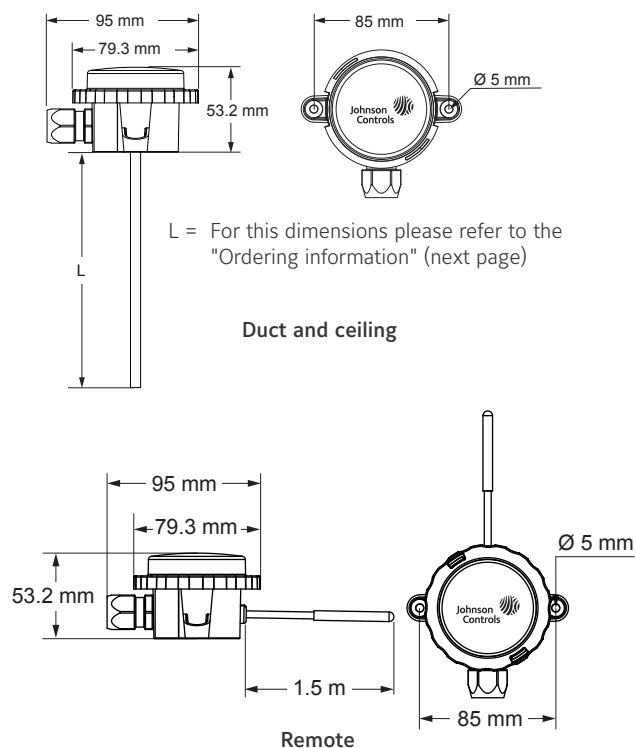
The TS-6300 temperature sensor Series has been designed to work as a part of any HVAC control system.

Features

- Wide range of mounting types and signal outputs
- Different length of tubes and wells for duct and immersion applications
- Bayonet mounting system
- For immersion applications, well can be mounted before duct sensor is mounted
- IP54 ingress protection (except cable sensor)
- IP67 ingress protection for cable sensor



Dimensions (in mm)



TS-6300

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Ordering information

Duct / Immersion Sensor

Codes	Output	Temperature Range	Lenght (mm)
TS-6370D-A11	0...10 VDC	-40 to 50 °C	138
TS-6370D-B11			192
TS-6370D-C11			290
TS-6370D-D11			446
TS-6370D-A12		-20 to 40 °C	138
TS-6370D-B12			192
TS-6370D-C12			290
TS-6370D-D12			446
TS-6370D-A13		0 to 40 °C	138
TS-6370D-B13			192
TS-6370D-C13			290
TS-6370D-D13			446
TS-6370D-A14		0 to 100 °C	138
TS-6370D-B14			192
TS-6370D-C14			290
TS-6370D-D14			446
TS-6330D-A10	2K2 NTC	-40 to 120 °C	138
TS-6330D-B10			192
TS-6330D-C10			290
TS-6330D-D10			446
TS-6340D-A10	10K NTC		138
TS-6340D-B10			192
TS-6340D-C10			290
TS-6340D-D10			446
TS-6350D-A10	PT100		138
TS-6350D-B10			192
TS-6350D-C10			290
TS-6350D-D10			446
TS-6360D-A10	PT1000		138
TS-6360D-B10			192
TS-6360D-C10			290
TS-6360D-D10			446

Remote Sensor

Codes	Output	Temperature Range	Lenght (mm)
TS-6370R-F01	0...10 VDC	-40 to 50 °C	1.5 m cable lenght
TS-6370R-F03		0 to 40 °C	
TS-6370R-F04		0 to 100 °C	

Cable Sensor

TS-6330K-F00	2K2 NTC	-40 to 100 °C	1.5 m cable lenght
TS-6340K-F00	10K NTC		
TS-6360K-F00	PT1000		

Outdoor Sensor

TS-6370E-001	0...10 VDC	-40 to 50 °C	---
TS-6370E-002		-20 to 40 °C	
TS-6330E-000	2K2 NTC	-40 to 70 °C	
TS-6340E-000	10K NTC		
TS-6350E-000	PT100		
TS-6360E-000	PT1000		

Strap-on Sensor

TS-6370S-002	0...10 VDC	-20 to 40 °C	---
TS-6370S-004	0...10 VDC	0 to 100 °C	
TS-6330S-000	2K2 NTC	-40 to 100 °C	
TS-6340S-000	10K NTC		
TS-6350S-000	PT100		
TS-6360S-000	PT1000		

Ceiling Sensor

TS-6370C-E13	0...10 VDC	0 to 40 °C	36
TS-6330C-E10	2K2 NTC	-40 to 70 °C	
TS-6340C-E10	10K NTC		
TS-6350C-E10	PT100		
TS-6360C-E10	PT1000		

Outdoor Sensor Grey

Codes	Output	Mounting Type	Operating Range
TS-6330E-050	2K2 NTC	Outdoor grey enclosure	-40 to 70 °C
TS-6340E-050	10K NTC		
TS-6350E-050	PT100		
TS-6360E-050	PT1000		
TS-6370E-051	0...10 VDC		-40 to 50 °C
TS-6370E-052			-20 to 40 °C

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Ordering information

Accessories

Brass/Copper, PN16

Codes	Lenght (mm)	Mounting Thread
TS-6300W-E200	50 ¹	R 1/2"
TS-6300W-D200	80	
TS-6300W-F200	120	
TS-6300W-G200	150	
TS-6300W-H200	200	
TS-6300W-I200	260	

Stainless Steel, PN25

TS-6300W-E300	50 ¹	R 1/2"
TS-6300W-D300	80	
TS-6300W-F300	120	
TS-6300W-G300	150	
TS-6300W-H300	200	
TS-6300W-I300	260	
TS-6300W-E400	50 ¹	G 1/2"
TS-6300W-D400	80	
TS-6300W-F400	120	
TS-6300W-G400	150	
TS-6300W-H400	200	
TS-6300W-I400	260	

TS-6300D-000	Duct flange kit
TS-6300W-900	Retrofitting thermowell adapter kit

Note

1 For cable sensor only