



Plant temperature

TS-6300

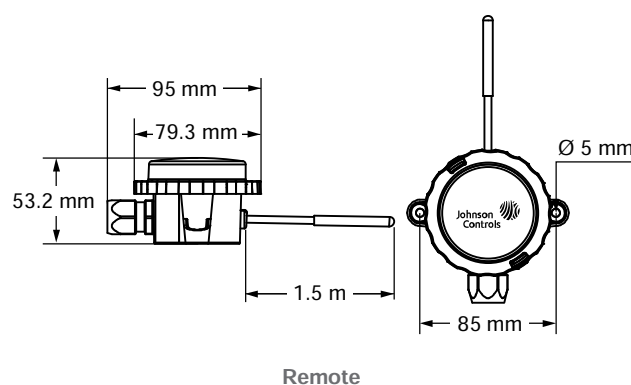
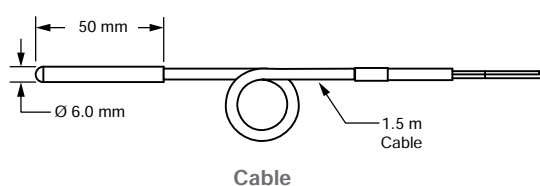
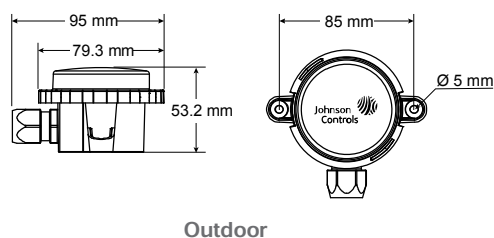
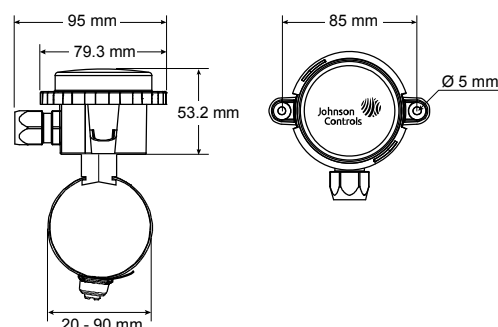
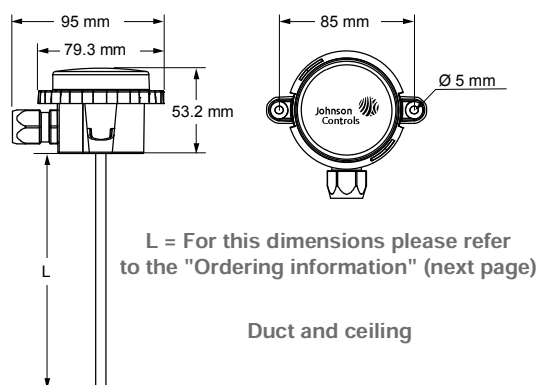
The TS-6300 series temperature sensors provide a passive signal that corresponds to the air or water temperature Heating, Ventilation and Air Conditioning (HVAC) applications.

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



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Ordering information

Codes	Output	Mounting type	Lenght (mm)	Temperature range
TS-6370D-A11	0...10 VDC	Duct / immersion	138	-40...+50 °C
TS-6370D-B11			192	
TS-6370D-C11			290	
TS-6370D-D11			446	
TS-6370D-A12			138	-20...+40 °C
TS-6370D-B12			192	
TS-6370D-C12			290	
TS-6370D-D12			446	
TS-6370D-A13			138	0...+40 °C
TS-6370D-B13			192	
TS-6370D-C13			290	
TS-6370D-D13			446	
TS-6370D-A14			138	0...+100 °C
TS-6370D-B14			192	
TS-6370D-C14			290	
TS-6370D-D14			446	
TS-6330D-A10	2K2 NTC	Duct / immersion	138	-40...+120 °C
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	
TS-6370R-F01	0...10 VDC	Remote sensor	1.5 m cable lenght	-40...+50 °C
TS-6370R-F03				0...+40 °C
TS-6370R-F04				0...+100 °C
TS-6330K-F00	2K2 NTC	Cable sensor		-40...+100 °C
TS-6340K-F00	10K NTC			
TS-6360K-F00	Pt1000			
TS-6370E-001	0...10 VDC	Outdoor	---	-40...+50 °C
TS-6370E-002				-20...+40 °C
TS-6330E-000	2K2 NTC	Outdoor		-40...+70 °C
TS-6340E-000	10K NTC			
TS-6350E-000	Pt100			
TS-6360E-000	Pt1000			
TS-6370S-002	0...10 VDC	Strap-on		-20...+40 °C
TS-6370S-004				0...+100 °C
TS-6330S-000	2K2 NTC	Strap-on		-40...+100 °C
TS-6340S-000	10K NTC			
TS-6350S-000	Pt100			
TS-6360S-000	Pt1000			
TS-6370C-E13	0...10 VDC	Ceiling	36	0...+40 °C
TS-6330C-E10	2K2 NTC	Ceiling		-40...+70 °C
TS-6340C-E10	10K NTC			
TS-6350C-E10	Pt100			
TS-6360C-E10	Pt1000			

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Ordering information

Outdoor sensor grey

Codes	Output	Mounting type	Operating range
TS-6330E-050	2K2 NTC	Outdoor grey enclosure	-40...+70 °C
TS-6340E-050	10K NTC		
TS-6350E-050	Pt100		
TS-6360E-050	Pt1000		
TS-6370E-051	0...10 VDC		-40...+50 °C
TS-6370E-052			-20...+40 °C

Accessories

Codes	Lenght (mm)	Material	Mounting thread	PN
TS-6300W-E200	50 *	Brass/Copper	R 1/2"	PN16
TS-6300W-D200	80			
TS-6300W-F200	120			
TS-6300W-G200	150			
TS-6300W-H200	200			
TS-6300W-I200	260			
TS-6300W-E300	50 *	Stainless steel	R 1/2"	PN25
TS-6300W-D300	80			
TS-6300W-F300	120			
TS-6300W-G300	150			
TS-6300W-H300	200			
TS-6300W-I300	260			
TS-6300W-E400	50 *		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

* for cable sensor only