

TB/TO

Thermistor Outside Temperature Sensor

Important: Retain these instructions

These instructions shall be used by trained service personnel only. If the equipment is used in a manner not specified by these instructions, the protection provided by the equipment may be impaired.

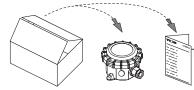


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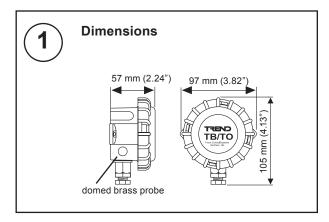
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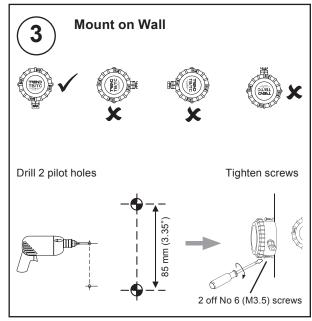
1 BOX CONTENTS

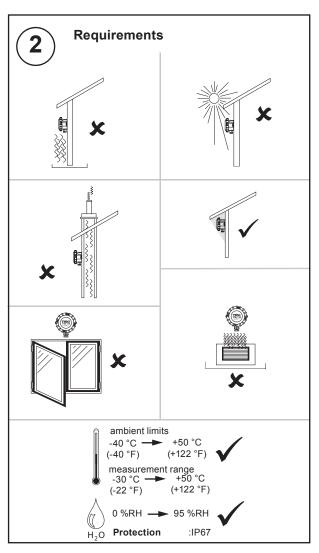


TB/TO TB/TO thermistor Outside Temperature Sensor Installation Instructions (TG200725)

2 INSTALLATION

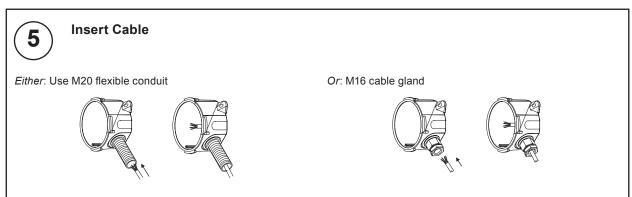


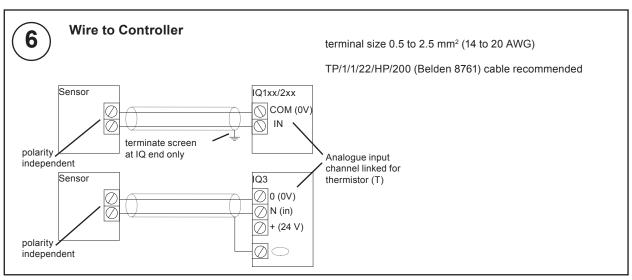




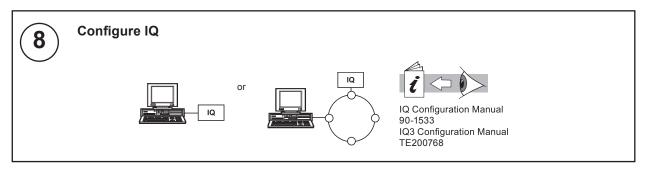
2 INSTALLATION (continued)











2 INSTALLATION (continued)



Set up IQ Sensor Type

It is recommended to use SET for the setting of the sensor type module. For all IQ2 series controllers with firmware version 2.1 or greater, or IQ3/4 series controllers, the following SET Unique Sensor References should be used:

Thermistor: Thermistor TBTO (°C)

Thermistor TBTO F (°F)

Alternatively set scaling mode to 5 (characterise) and enter scaling manually as defined in the tables.

Note that for IQ3/4, scaling mode and exponent do not need to be set up.

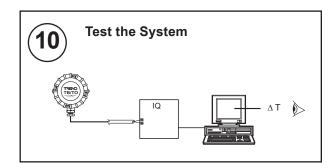
For all other IQ controllers see Sensor Scaling Reference Card (TB100521A).

Thermistor (-30 $^{\circ}$ C to +50 $^{\circ}$ C, -22 $^{\circ}$ F to +122 $^{\circ}$ F)

	Units:	°C	°F
Y	Input type	1 (therm V)	
E	Exponent	3	
U	Upper	55	131
L	Lower	-35	-31
Р	Points	11	
х	lx	Ox	
1	2.641	50	122
2	3.470	40	104
3	4.460	30	86
4	6.663	10	50
5	7.668	0	32
6	8.102	-5	23
7	8.482	-10	14
8	8.807	-15	5
9	9.078	-20	-4
10	9.299	-25	-13
11	9.476	-30	-22

Thermistor (-10 °C to +40 °C, 14 °F to +104 °F)

	Units:	°C	°F
Υ	Input type	1 (therm V)	
E	Exponent	3	
U	Upper	45	113
L	Lower	-15	-5
Р	Points	6	
х	lx	Ox	
1	3.470	40	104
2	4.460	30	86
3	6.663	10	50
4	7.668	0	32
5	8.102	-5	23
6	8482	-10	14



3 DISPOSAL



WEEE Directive:

At the end of their useful life the packaging and product should be disposed of by a suitable recycling centre.

Do not dispose of with normal household waste. Do not burn.

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