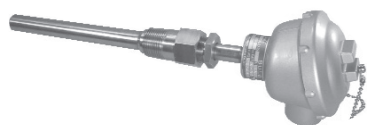


RTB [RTD] Duct/piping insertion type with terminal box



【Features】

RTB is a resistance thermometer that can be selected from a wide range of applications, such as double protection tube piping insertion type, duct type, dedicated replacement type for existing protection tube, etc. In addition, Ni resistance temperature detectors can be selected as standard, making it ideal for maintenance of existing equipment.

【Standard Specifications】

Element : Pt100Ω resistive element
 Wiring : 3-wire system
 Tolerance : Pt: Class A
 $\pm(0.15+0.002 | t |)$
 Measuring : Pt: 1mA
 current
 Element No. : Single/double
 Insulation : 100MΩ or more at 125V
 resistance
 Operating : -60 to +180° C
 temperature

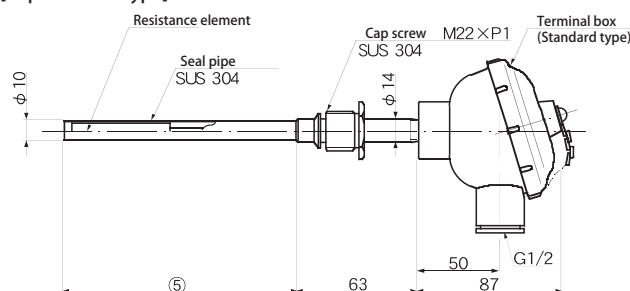
【Ordering code】

RTB - -
 ① ② ③ ④ ⑤ ⑥ ⑦

Content	Code	Specifications
Model code	RTB	RTD with terminal box, duct/piping insertion type
① Tolerance	77	JIS class A Pt100Ω
② Number of element	0	Single element
	1	Double element
③ Type	0	Duct insertion type or replacement type φ 10 (SUS304)
	1	Piping insertion type (double protective tube)
	9	Capsule element for replacement
	None	Select for replacement type
④ Screw / Flange	A	R1/2 screw ※ Outer diameter of outer protection tube is φ 15
	B	R3/4 screw
	C	R1 screw
	D	G1/2 screw ※ Outer diameter of outer protection tube is φ 15
	E	G3/4 screw
	F	G1 screw
	G	JIS10K20A RF Flange
	H	JIS10K25A RF Flange
	J	JIS10K40A RF Flange
	Z	Select for replacement capsule element
⑤ Insertion length	16	Under-screw length 160mm (150mm) [for 160mm protection tube]
	21	Under-screw length 210mm (200mm) [for 210mm protective tube]
	31	Under-screw length 310mm (300mm) [for 310mm protective tube]
	* () for duct insertion type, [] for replacement/element	
⑥ Element classification	Length under screw mm	
	F	JIS class A (Pt100Ω)
	None	JIS class A (JPt100Ω)
⑦ Special	N	Standard
	S	Please inform special specifications

【Dimensions】

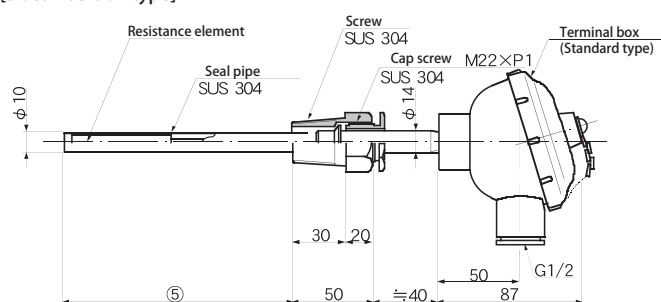
【Replacement type】



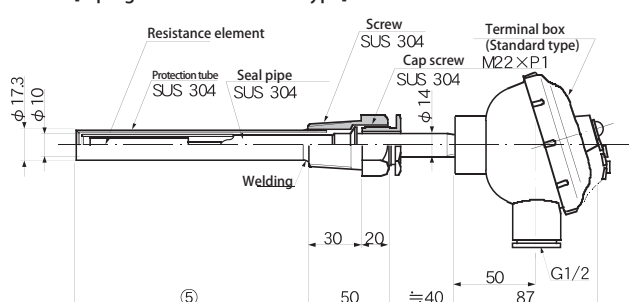
【Model number example】

- ◇ Replacement type
Model number: RTB7700-16F
L = for 160mm protective tube
* Uses the existing protective tube
- ◇ Duct insertion type
Model number: RTB7700B-16F
Insertion length ⑤ is 150mm
with R3/4 thread
* Not a double pipe
- ◇ Piping insertion type
Model number: RTB7701B-16F
Insertion length ⑤ is 160mm
with R3/4 thread
* Double protection tube structure

【Duct insertion type】



【Piping insertion threaded type】



【Piping insertion flange type】

