

Drawing nr.	RT01 RT02 RT03 RT04 RT05 RT06 RT07 RT08 RT09 RT10 RT11 RT15	Resistance thermometers are coded with different drawing numbers
1- Single element Double element	(1) (2)	1 or 2 comes in the 1.digit in accordance with the number of the elements of resistance thermometers
2- Protecting Tube	B Brass P 1.4301 (304) E 1.4401 (316) H 1.4404 (316L) K 1.4571(316TI)	In 2.digit, the material of protecting tube is given by selecting in accordance with the process. Please refer to the thermocouple selection table for an appropriate selection.
3- Diameter of the protecting tube (mm)	06 6 mm 08 8 mm 09 9 mm 11 11 mm 14 14 mm 22 22 mm	In 3.digit, the diameter of the protecting tube is given. The diameter is selected by considering different factors. The diameters given here are standard dimensions. Note: 3.digit has two digits.
4- Resistance Thermometer length (Immersion) (in cm)	10 → 10 cm 40 → 40 cm 16 → 16 cm 50 → 50 cm 18 → 18 cm 70 → 70 cm 23 → 23 cm 71 → 71 cm 25 → 25 cm . . . 30 → 30 cm . . . 35 → 35 cm . . .	In 4.digit, the immersion length is given. In order to ensure an accurate measurement, immersion length of the resistance thermometers should be at least 6 or 10 times of the protecting tube diameter. Note: 4.digit has two digits.
5- Special Features	R Record A Pt-50 F Flange B Pt-100 O Special C Pt-500 U Three wires E Pt-1000 D Four wires H Ni-100 S Certified Tr Transmitter T Teflon coated	In 5.digit the corresponding character is given. These letters present such as bushing, flange, special coatings, three or four wires connection etc. For special conditions in addition to standards "O" letter is printed.

ELIMKO RESISTANCE THERMOMETER ASSEMBLIES

