

662

Interchangeable inserts for thermocouple and RTD thermoresistance sensors.



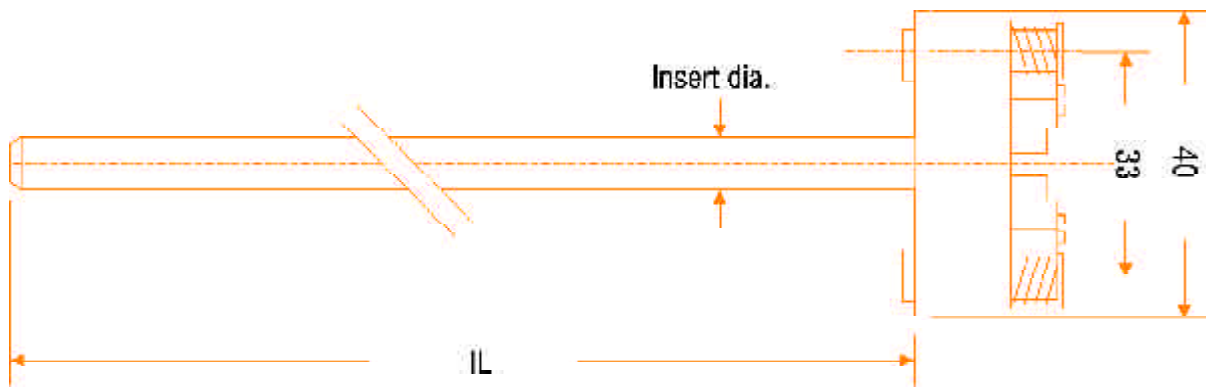
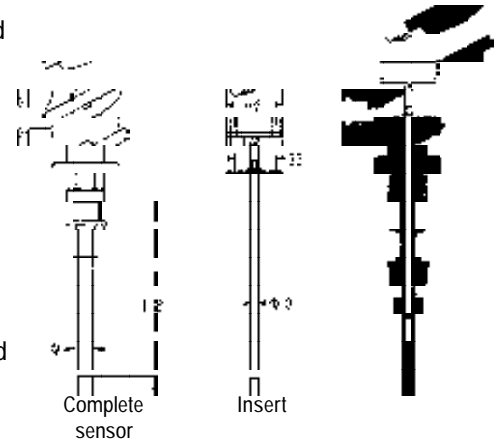
Temperature Sensors as per DIN specifications 43765 and 43767 are fitted with standard inserts to DIN 43762

They are most commonly used in industrial applications enabling easy replacement without stopping the plants.

Their form is designed for mounting into connection heads type B or equivalent.

Vibration proof design:

- Silver wires from sensing element to head. (nickel wires for high temp)
- Sensing element in densely compacted, vibrated alumina powder embedded.
- Connection ceramic socket in head mounted on spring loaded feathers, to ensure better contact to tip as well as vibration dampener



Coding n°	Insert dia. mm	Number of elements	Calibration working temp.	Norm tolerance	Execution	Sheath material + working temp.	IL standard + non standard
0	6	Thermocouple 1 TC single	Thermocouple J-Fe/Co (Fe-CuNi) 800°C	ANSI	Standard	- St. St. -< 250°C	275
1	8	Thermocouple 2 TC duplex	Thermocouple K-Cr/Al (NiCr-Ni) max. 1100°C	DIN (B for PT100)	M.I cable tube	- St. St -<850°C	315
2		RTD 1 PT single (2 wires)	RTD PT 100 W /0°C <250°C	½ DIN	Thermocouple hot junction ungrounded	- Inconel 600 -<1100°C	375
3		1 PT single (3 wires)	PT 100 W /0°C >250°C <650°C		Thermocouple hot junction grounded		405
4		2 PT 4 wires					435
5		2 PT 6 wires					525
6							555
9				Special tolerance			Any length

Ordering code 662-INS- 0 6 2 1 0 0 9 (100)

Example 662-INS- 0 6 2 1 0 0 9 (100mm)

= interchangeable insert of 6mm diameter - RTD thermoresistance PT100 DIN 3 wires working below 250°C with an I.L. length of 100mm