

Sensor Probe Type TS

Application.

Sensor probes are designed for the harshest applications where a terminal head is required. Wetted parts and the standard housing are manufactured from 316L stainless steel ensuring exceptional resistance to chemical and moisture attack. A comprehensive range of process connections, measurement elements types and accuracies are available.

Configuration.

316L stainless steel probe with welded process connection, fitted to a terminal head (stainless steel standard). Insertion length and process connection are manufactured to customer's specification. The standard temperature sensor features a simplex or duplex mineral insulated element. High accuracy elements and thermocouples are also available in simplex and duplex configuration.

Terminal Housing.

Temperature probes can be fitted to the BTT large stainless steel housing (standard), BTT Ex d stainless steel, aluminium or bakelite housing. See <http://www.benney.com.au/standard> for standard terminal housing specifications or <http://www.benney.com.au/exd> for the Ex d terminal housing specifications.

Process Connection.

¼" BSPT male (1/4" Probe only).

½" BSPT male.

1 ½" BSM (flat face, with nut).

2" BSM (flat face, with nut).

3" BSM (flat face, with nut).

1 ½" BSM (rec face, with nut).

2" BSM (rec face, with nut).

3" BSM (rec face, with nut).

1 ½" Triclover.

2" Triclover.

½" BSPP captive nut.

¾" BSPP.

Other process connections available upon request.

Wetted Materials.

316L stainless steel.

Measurement Elements.

Standard: +/- 0.06% @ 0°C.

High accuracy (Optional): +/-0.01% @ 0°C.

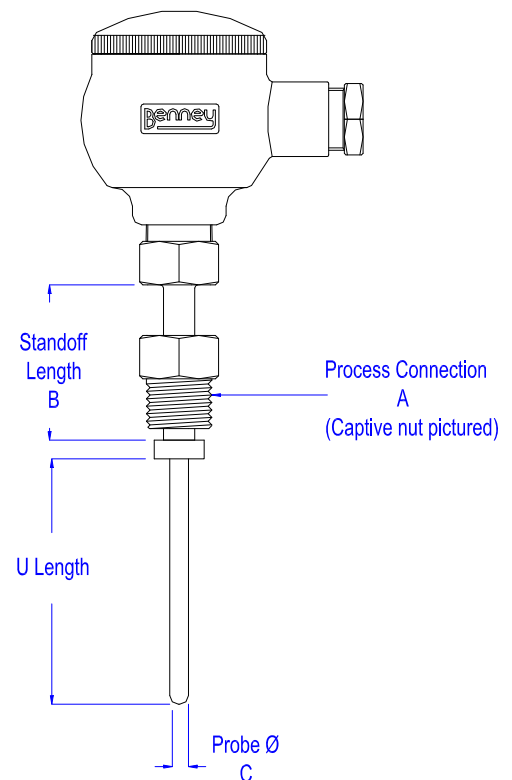
K type thermocouple: +/-2.2°C.

J type thermocouple: +/-2.2°C.

Other options available upon request.



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"A"	Refer to process connections.
"B"	Instrument standoff between none and 150mm.
"C"	Probe diameter between ¼"(6mm) and ½"(12mm). All probes have ¼" tip for quick response.