

Cable Sensor Type TSC

Application.

Cable temperature probes are designed for the harshest applications where the traditional terminal head is not practical. Wetted parts 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 PTFE Insulated, wire braid reinforced cable. 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.

Cable.

PTFE Insulated, wire braid reinforced. (Standard)
Other cables available upon request.

Process Connections.

- 1/4" BSPT male (1/4" Probe only).
 - 1/2" BSPT male.
 - 1 1/2" BSM (flat face, with nut).
 - 2" BSM (flat face, with nut).
 - 3" BSM (flat face, with nut).
 - 1 1/2" BSM (recessed face, with nut).
 - 2" BSM (recessed face, with nut).
 - 3" BSM (recessed face, with nut).
 - 1 1/2" Triclover.
 - 2" Triclover.
 - 1/2" BSPP captive nut.
- Other process connections available upon request.

Measurement Elements.

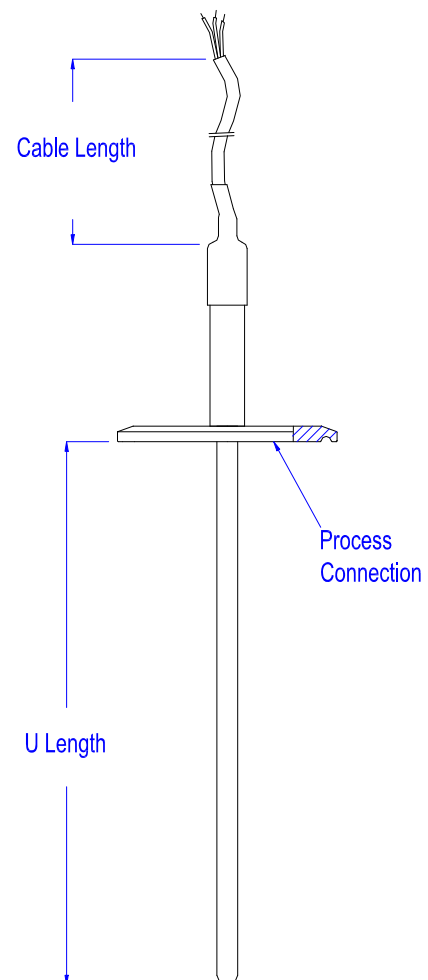
- Standard: +/- 0.06% @ 0°C.
 - High accuracy (Optional): +/-0.01% @ 0°C.
 - K type thermocouple: +/-2.2°C.
 - J type thermocouple: +/-2.2°C.
- Other options available upon request.

Wetted Materials.

316L stainless steel.



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