'C' and 'K' Style Spring Loaded Sensors



'C' Style Application

Assembly allows easy removal of the sensor through the connection head. No wrenches required.

'K' Style Application

Similar to the 'C' Style but with the addition of a 1/4 turn twist lock fitting for even easier removal of the sensor. Add longer leads and it makes calibration checks possible with no tools required. Works with #3 and #5 connection heads only.

NOTE 1: 1st 2.0 inches of Series 200 sensors Do Not Bend

NOTE 2: 1.75 inch length is used on, threaded and socket weld thermowells, a 2.25 inch length is used with flanged thermowells.

NOTE 3: When a 'C' Style assembly is ordered with a transmitter the actual "N" nominal extension length will be 1/2" longer than specified.



'C' and 'K' Style Spring Loaded Sensors without Thermowell

Ordering Information



Example Configuration



NOTE 2: For sensor sheath lengths 'X' greater than 200 inches, contact Burns Customer Service.

'C' and 'K' Style Spring Loaded Sensors with Thermowell

Ordering Information (1 of 2)



'C' Style and 'K' Style Spring Loaded Sensors with Thermowell

Ordering Information (2 of 2)



NOTE 3: See our Thermowell catalog or visit us on-line at burnsengineering.com for a full line of standard thermowell styles along with information on custom thermowells. NOTE 4: For Thermowells with Bore Depths ('A') greater that 42 inches contact Burns Customer Service. Long length wells can be constructed from welded bar stock segments or from pipe. Specifics of the application must be verified to ensure the thermowell design meets your process needs.

NOTE 5: For FM explosion proof approved assembly, enter '/AFM' code. See page 4 for ratings and <u>drawing # 18938</u> for approved product structure details.