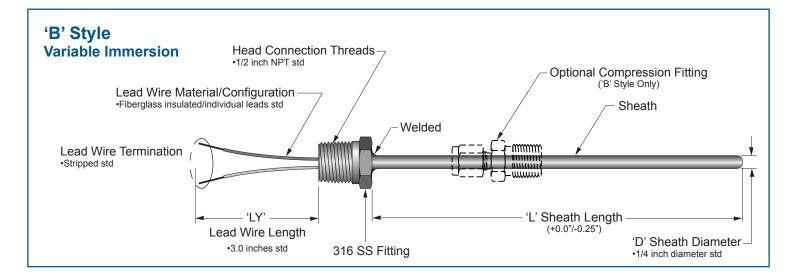
'A' and 'B' Style Direct Immersion Sensors Specifications

'A' Style **Direct Immersion Head Connection Threads** •1/2 inch NPT std **Process Connection Threads** •1/2 inch NPT std Lead Wire Material/Configuration ·Fiberglass insulated/individual leads std Sheath Welded **Lead Wire Termination** Stripped std 'L' Sheath Length 316 SS Fitting (+0.0"/-0.25") Lead Wire Length 'D' Sheath Diameter •3.0 inches std •1/4 inch diameter std



'A' Style Application

Designed for direct immersion into the process where fast response is needed or in small diameter lines where a thermowell can't be used. Pressure rated to 3000 psi.

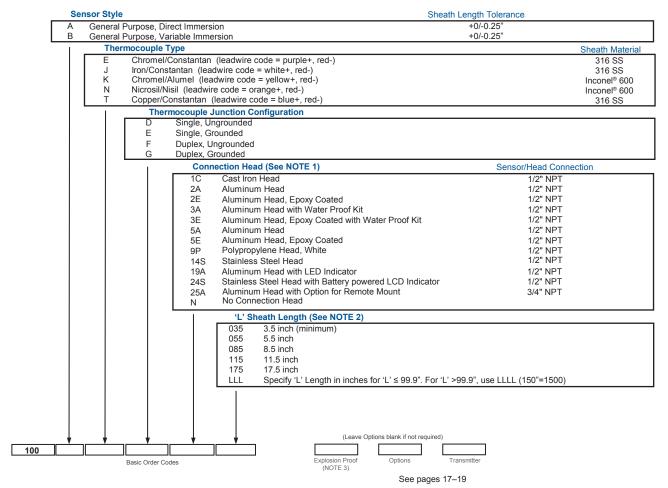
'B' Style Application

Provides installation flexability with variable immersion feature. Brass or 316 SS compression fitting with PTFE or SS ferrules are available. PTFE allows for readjustment of the immersion length.



'A' and 'B' Style Direct Immersion Sensors

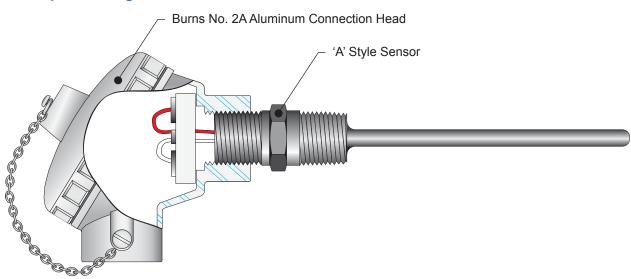
Ordering Information



FOR REFERENCE:

Thermocouple Specifications, page 4 Common Options, pages 17 – 19 Connection Head Descriptions, page 20

Example Configuration



- NOTE 1: See our Connection Head Supplement for all available connection heads and full details.
- NOTE 2: For sensor sheath lengths 'L' greater than 200 inches, contact Burns Customer Service.
- NOTE 3: For FM explosion proof approved assembly, enter '/AFM' code. See page 3 for ratings and drawing # 18938 for approved product structure details.