

TYPE 2B RIGID RTD PROBE ASSEMBLY

(Probe factory assembled to STT 3000 Smart Temperature Transmitter)										Materials of Construction																																	
										316 SS	Inconel																																
2B RIGID RTD PROBE (ASSEMBLED TO STT 3000)																																											
CODE - SHEATH MATERIAL																																											
S Stainless Steel										N/C	-																																
I Inconel										-	N/C																																
O Other										Consult Phoenix	FMPM																																
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(2) Select Calibration Schedule (xx) from Table 4 on page TP-18.

(3) Specify LRV, URV and input type of transmitter on OP16-CC screen

See Table 5 for Drawings, Manuals and Certificates.

TYPE 2D SPRING-LOADED RTD PROBE ASSEMBLY

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CODE - PROBE LAG HARDWARE with 1/2"NPT SS FITTINGS A HEX Nipple as 3/4" long standard 316 SS. (Specify as "A") BX Specify straight nipple as "BX"; where X = 3", 6" or 9" lengths CX Specify double carbon steel lags and aluminum union as "CX", where: X = mated lengths of 3", 8", 10" or 14" DX Specify double SS lags and SS union as "DX", where: X = mated lengths of 3", 8", 10" or 14" <i>(4) Note: Stem Length plus Probe Lag Length exceeding 24" total violates FM approval.</i> <i>Contact F.I. Marketing Applications for lengths > 24".</i>										A B3 B6 B9 C3 C8 C10 C14 D3 D8 D10 D14																																	
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(2) Select Calibration Schedule (xx) from Table 4 on page TP-18.

(3) Specify LRV, URV and input type of transmitter on OP16-CC screen

See Table 5 for Drawings, Manuals and Certificates.

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Remote Head/ Explosion-Proof/ Non-Explosion Proof

(Probe is NOT factory assembled to STT 3000 or SMV 3000 transmitter)										Materials of Construction																																									
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(1) Caution: Excessive lead lengths may result in lead wire damage due to space limitations within the remote head.
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CODE - NUMBER OF LEADWIRES A 2-Wire Sensor available with single element B 3-Wire Sensor probe type codes 10, 11, 21, 51, CU C 4-Wire Sensor D 2-Wire Sensor - Dual available with dual element E 3-Wire Sensor - Dual probe type codes 102, 112 F 4-Wire Sensor - Dual										N/C	N/C																																								
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CODE - SERVICE PARAMETER S Standard (25 gS) H Heavy Duty (50 gS)										N/C \$30.60																																									
CODE - STEM LENGTH "A" DIMENSION A Stem Length: where A is in inches (3" minimum, 24" maximum) ⁽¹⁾										316 SS Sheath of Stem Length	Inconel Sheath of Stem Length																																								
CODE - PROBE LAG HARDWARE with 1/2"NPT SST FITTINGS A HEX Nipple as 3/4" long standard 316 SS. (Specify as "A") BX Specify straight nipple as "BX"; where X = 3", 6" or 9" lengths CX Specify double carbon steel lags and aluminum union as "CX", where: X = mated lengths of 3", 8", 10" or 14" DX Specify double SS lags and SS union as "DX", where: X = mated lengths of 3", 8", 10" or 14" (4) Note: Stem Length plus Probe Lag Length exceeding 24" total violates FM approval. Contact F.I. Marketing Applications for lengths > 24".										A B3 B6 B9 C3 C8 C10 C14 D3 D8 D10 D14																																									
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(1) Caution: Excessive lead lengths may result in lead wire damage due to space limitations within the remote head.

(2) Select Calibration Schedule (xx) from Table 4 on page 13:TP-15.

(3) Specify LRV, URV and input type of transmitter on OP16-CC screen and select CCxx option.

See Table 5 in Drawings, Manuals and Certificates.

TYPE 7B RIGID T/C PROBE ASSEMBLY

(Probe factory assembled to STT 3000 Smart Temperature Transmitter)										Element(s)																									
										Single	Dual																								
7B RIGID T/C PROBE (ASSEMBLED TO STT 3000)																																			
CODE - SHEATH MATERIAL S Stainless Steel I Inconel O Other										Consult Phoenix FMPM																									
CODE - TYPE T/C B C D E J K N R S T NINIMOLY SP Other special requests (for special high accuracy T/Cs, etc.)										Consult Phoenix FMPM N/C N/C N/C N/C N/C N/C Consult Phoenix FMPM Consult Phoenix FMPM N/C Consult Phoenix FMPM Consult Phoenix FMPM																									
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CODE - NUMBER OF ELEMENTS S Single element D Dual element										N/C -	- N/C																								
CODE - TYPE JUNCTION G Grounded U Ungrounded										Single N/C	Dual N/C																								
CODE - PROBE STEM LENGTH A Stem length, where A is in inches (3" minimum, 24" maximum)										N/C																									
CODE - CONNECTION HEAD S Assembled to STT 3000 Housing via 3/4" long 316 SS Hex nipple										N/C																									
CODE - LEAD LENGTH 6 Standard 6" Length										N/C																									
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7B	S	J	S	G	6	S	6	SST6 - CC2F																											

(2) Select Calibration Schedule (xx) from Table 4 on page TP-18
 (3) Specify LRV, URV and input type of transmitter on OP16-CC screen
 See Table 5 in Drawings, Manuals and Certificates.

TYPE 7D SPRING-LOADED T/C PROBE ASSEMBLY

(Probe factory assembled to STT 3000 Smart Temperature Transmitter)										Element(s)																																																																		
7D SPRING-LOADED T/C PROBE (ASSEMBLED TO STT 3000)										Single	Dual																																																																	
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(2) Select Calibration Schedule (xx) from Table 4 on page TP-18

(3) Specify LRV, URV and input type of transmitter on OP16-CC screen

See Table 5 for Drawings, Manuals and Certificates.

TYPE 78B4 RIGID T/C PROBE ASSEMBLY
Remote Head/ Explosion-Proof/ Non-Explosion Proof

(Probe NOT assembled to STT 3000 or SMV 3000 transmitter)										Element(s)																																																					
										Single	Dual																																																				
78B4 RIGID T/C REMOTE MOUNTED PROBE ASSEMBLY																																																															
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See Table 5 for Drawings, Manuals and Certificates.

TYPE 78D4 SPRING-LOADED T/C PROBE ASSEMBLY
Remote Head/ Explosion-Proof/ Non-Explosion Proof

(Probe NOT assembled to STT 3000 or SMV 3000 Transmitters)										Element(s)																																																																															
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See Table 5 for Drawings, Manuals and Certificates.

HONEYWELL THERMOWELL MODEL SELECTION GUIDE

THERMOWELLS SX Standard threaded well; no lag extension - stepped LX Standard threaded well; with lag extension - stepped HX Heavy duty threaded well; no lag extension - tapered TX Heavy duty threaded well; with lag extension - tapered WX Socket wells - stepped FM Flanged well - straight GM Flanged well - tapered All thermowells have 0.260" bore and 1/2" NPT internal threads to mate with spring-loaded probe.																																																																																																																																	
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> where X = Well Process Thread/Pipe (external) 1 = mates with 1/2" NPT Pipe (not available with S, H or W) 2 = mates with 3/4" NPT 3 = mates with 1" NPT </div> <div style="width: 35%;"> where M = Flange Material A = Carbon Steel F = Inconel 600 B = SS 304 G = SS 446 C = SS 316 H = Monel D = SS 316L K = Hastelloy B E = Hastelloy C O = Other </div> </div>																																																																																																																																	
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Note: Do not use rigid probes with thermowells. Only spring-loaded probes are compatible with thermowells