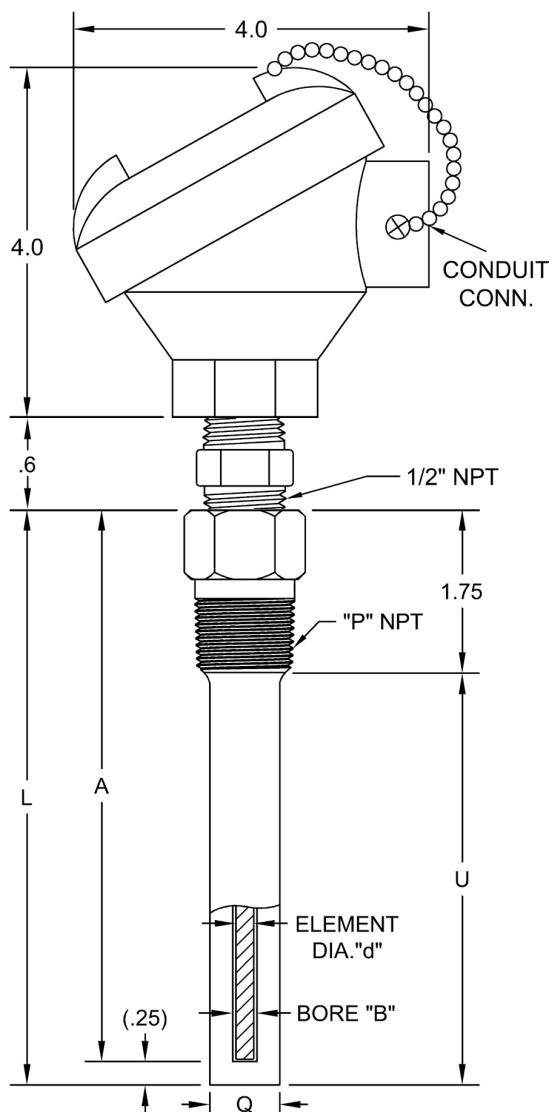


Reotemp RTD/Thermowell Assembly



NOTES(UNLESS OTHERWISE SPECIFIED)

1) DIMENSIONS ARE IN INCHES	THERMOWELL WITH:
2) DIMENSIONS ARE SUBJECT TO CHANGE	- THREADED PROCESS CONNECTION
	- STRAIGHT SHANK

RTD Part #:		B-1T-PX1254.5X		
Head Data:		<i>Description:</i>	Cast Aluminum	
<i>Material:</i>		Cast Aluminum	<i>Color:</i>	Gray
<i>Conduit Connection:</i>		3/4"NPT Conduit	<i>Protection:</i>	Nema 4X/IP68
In- Head:		Ceramic Terminal Block		
<i>Power In:</i>			<i>Signal Out:</i>	
<i>Protocol:</i>				
<i>Approvals:</i>				
<i>Note:</i>				
Connection:		Spring-loaded 316SS Bushing, 1/2" NPT (Thermowell Required. Stem retracts nominal 1/2" max in well.)		
Element Data:		<i>Length "A":</i>	4.5 in.	<i>Dia. "d" (in.):</i> 1/4"
<i>Sheath Material:</i>			316SS	
Sensor Data:		<i>Sensor:</i>	RTD	
		<i># Sensors:</i>	Single	<i>Wires/RTD:</i> 3
<i>Tolerance Class (IEC 60751):</i>			B	<i>Ohm @ 0°C:</i> 100ohm
<i>Temperature Range:</i>		Std. Range: -328F to 400F (-200C to 204C)		

Thermowell Part #:		ST4.5316-HU3S	
Material: 316 Stainless (std)			
Dimensions (inches):			
Bore Dia.	B:	.260" bore, for 1/4" dia. Element	
Element Length	A:	4.5"	
Overall Length	L:	4.75"	
Insertion Length	U:	3"	
Process	P:	1/2" NPT	
Options Included (not depicted in Dwg.)			
Option 1:			
Option 2:			
Option 3:			
Option 4:			
Option 5:			
Option 6:			
Option 7:			
Option 8:			

*Revision date applies to all possible data: Individual drawings may not be affected. To obtain current revision, re-generate drawing at www.reotemp.com.

DRAWING NUMBER: B-1T-PX1254.5X-ST4.5316-HU3S			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES $\pm 1/32$ $\pm .005$ $\pm 5^\circ$ $\pm .001$ $\pm .0005$		64 ✓ Reotemp Instrument Corporation 10656 Roselle Street San Diego, CA 92121 USA Phone: (858) 784-0710 Fax: (858) 784-0720	
© 2021 Reotemp Instrument Corp.		SIZE B	GAGE CODE: 24793
		DWG NO. SEE ABOVE	
SCALE: NTS		FILE NAME:	SHEET 1 OF 1

Revision Status:*	<i>Data generated on:</i>		11/8/2022
<i>Latest Revision:</i>	x1	<i>Revision Date:</i>	12/1/2011
<i>Description:</i>	Initial Release		