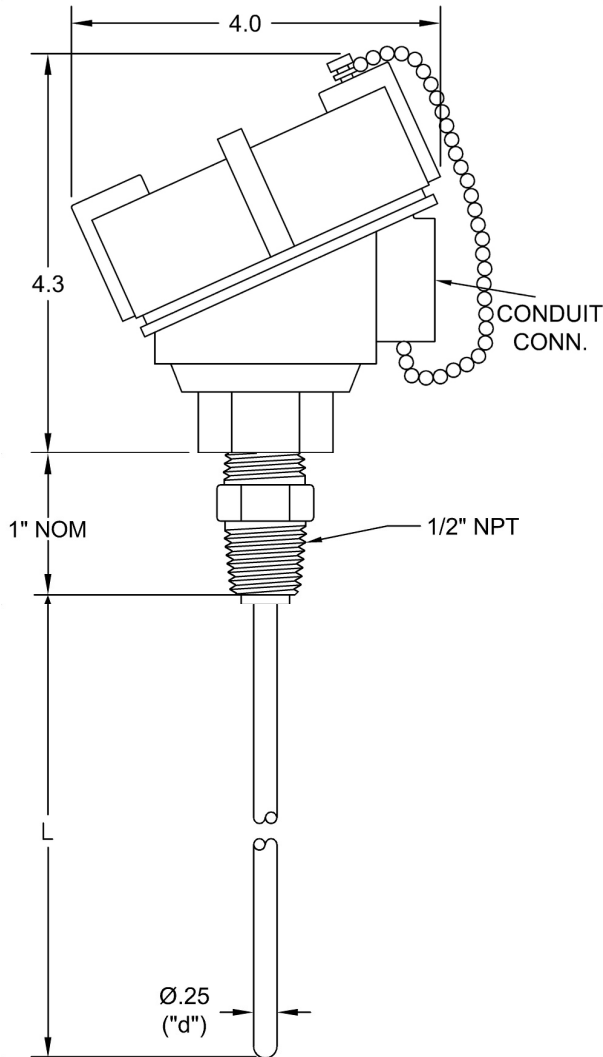


# Reotemp RTD Assembly



**Part#:** E-1T-PX1252.5X

## Description:

RTD Assembly, with Explosion Proof Aluminum (FM, FMC, CSA) Head, Spring-loaded 316SS Bushing, 1/2" NPT, 3-wire Single (Standard), Std temp RTD (Pt/385/ Class B (Standard), 100 ohm), 1/4" dia. X 2.5 in. long, 316SS stem

## Head Data:

<i>Description:</i>	Explosion Proof Aluminum (FM, FMC, CSA)
<i>Material:</i>	Cast Aluminum
<i>Color:</i>	Gray
<i>Conduit Conn. "P":</i>	3/4"NPT Conduit
<i>NEMA/IP rating:</i>	Nema 4X/IP68
<i>Hazardous Area Approval:</i>	Class I, Div 1, Grps B,C,D Class II, Div 1, Grps E,F,G
<i>By:</i>	FM, FMC

**In- Head:** Ceramic Terminal Block

*Power In:*  
*Signal Out:*  
*Protocol:*  
*Approvals:*  
*Note:*

## Process Connection:

Spring-loaded 316SS Bushing, 1/2" NPT  
(Thermowell Required. Stem retracts nominal 1/2" max in well.)

## Stem Data:

<i>Stem Length "L":</i>	2.5 in.
<i>Stem "D" (in.):</i>	1/4"
<i>Stem Jacket Material:</i>	316SS
<i>Min. Recommended Immersion (without thermowell):</i>	2.5"

## Sensor Data:

<i>Sensor:</i>	RTD
<i>Resistance @ 0°C:</i>	100 ohm
<i>Tolerance Class (IEC 60751):</i>	B
<i># Sensors:</i>	Single
<i>Temperature Range:</i>	Std. Range: -328F to 400F (-200C to 204C)

<b>Revision Status:</b>	Data generated on: 1/24/2020
<i>Latest Revision:</i>	x3
<i>Revision Date:</i>	12/1/2015
<i>Description:</i>	Stm length

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

Dimensions are in inches.

Consult factory for critical dimensions.

Copyright © 2013  
REOTEMP Instruments

REOTEMP Instrument Corporation  
**REOTEMP**  
INSTRUMENTS

10656 Roselle Street  
San Diego, CA 92121 USA  
Phone: (858) 784-0710  
Fax: (858) 784-0720

DRAWN BY:  
JR  
SIZE:  
B  
CAGE CODE:  
24793

THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF REOTEMP INSTRUMENT CORP., AND ARE ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS DEPICTED HEREIN WITHOUT WRITTEN PERMISSION FROM REOTEMP INSTRUMENT CORP.

SCALE:  
NTS  
SHEET:  
1 OF 1

Made in U.S.A.