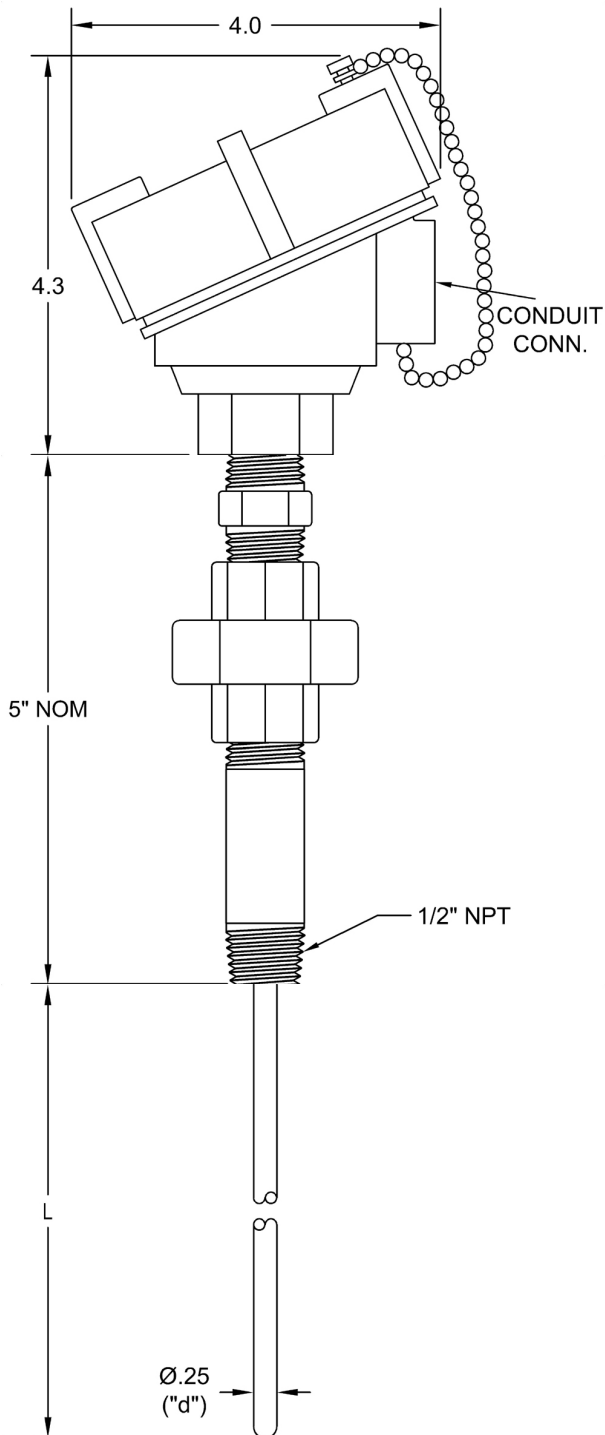


# Reotemp Thermocouple Assembly



**Part#:** E-4T-M25K5SU16

## Description:

Thermocouple Assembly, with Explosion Proof Aluminum (FM, FMC, CSA) Head, 5" nom Sprg Load nipple-union-nipple 316SS, 1/2" NPT, Single Type K Thermocouple, 1/4" dia., Inconel 600 stem, length = 16 inches, Ungrounded Junction

## 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:** 5" nom Sprg Load nipple-union-nipple 316SS, 1/2" NPT (Thermowell Required. Stem retracts nominal 1/2" max in well.)

## Stem Data:

<i>Stem Length "L":</i>	16 inches
<i>Stem "D" (in.):</i>	1/4"
<i>Stem Jacket Material:</i>	Inconel 600
<i>Min. Recommended Immersion (without thermowell):</i>	2.5"

## Sensor Data:

<i>Sensor:</i>	Thermocouple
<i>Thermocouple Calibration:</i>	Type K
<i># Junctions:</i>	Single
<i>Sensor Isolation:</i>	Ungrounded

<b>Revision Status:</b>	Data generated on: 8/16/2022
<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.

Made in U.S.A.

Consult factory for critical dimensions.

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DRAWN BY:  
JR

SIZE:  
B

CAGE CODE:  
24793

SCALE:  
NTS

SHEET:  
1 OF 1

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