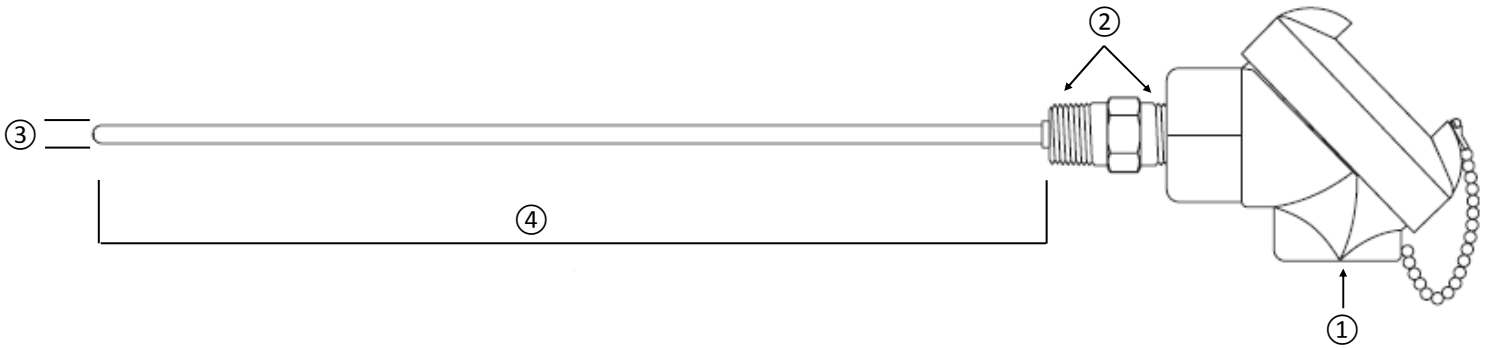


Part Number (Prefix): FM/IHA-TC

Description: Industrial Thermocouple Head Assembly 5", 11", 17"

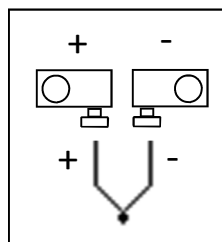


	Head Type	Conduit Connection ①	Process Connection ②	Thermocouple Type	Junction Style	Sheath Diameter ③	Sheath Material	Immersion Length ④
FM/IHA-TC-	X	X	X-	X	X-	X	X-	XX
	A = Aluminum	F = 3/4" NPT	E = 1/2" NPT	J = J	U = Ungrounded	F = 0.250"	A = 304 SS	05 = 5"
				K = K			B = 316 SS	11 = 11" 17 = 17"

Part Number	Thermocouple Type	Sheath Length	Sheath O.D.	Sheath Material	Junction	Temperature Sensing Range	Weight (ounces)
FM/IHA-TC-AFE-JU-FB-05	J	5"	0.250"	316 SS	Ungrounded	+32 to +1382°F (0 to +750°C)	19
FM/IHA-TC-AFE-JU-FB-11	J	11"					20
FM/IHA-TC-AFE-JU-FB-17	J	17"					21
FM/IHA-TC-AFE-KU-FB-05	K	5"	0.250"	316 SS	Ungrounded	-40 to +1650°F (-40 to +900°C)	19
FM/IHA-TC-AFE-KU-FB-11	K	11"					20
FM/IHA-TC-AFE-KU-FB-17	K	17"					21

Head Type:	Cast aluminum, threaded cap with O-ring gasket, 304SS screw & chain, IP67, max temperature +400°F (204°C) Process Connection: 1/2" NPT    Conduit Connection: 3/4" NPT
Terminal Block:	SS terminals and SS screws, 2-pole, ceramic base
Sheath Material:	316 Stainless steel, MgO insulation
Thermocouple:	Simplex (Single) element, Standard limits of error (±2.2°C (±4°F) or ±0.75% , whichever is greater)
Minimum Insertion Depth:	5 inches
Response Time Constant:	4.1 seconds (Defined as the time required to reach 63.2% of an instantaneous temperature change. Five time constants are required to approach 100% of the step change value)

Wiring Color Code (US ANSI)		
Type J	+ White	- Red
Type K	+ Yellow	- Red



Date:	03/04/2013
Rev #:	1
By:	NOM