



Data Sheet

1010PAE



Aluminum explosion proof Thermocouple head, provided with FM/CSA certification, NEMA 4X IP66/68 rating. The connection head accommodates an elliptical block or transmitter 2" (50mm) in diameter.

Example and reference pictures of certification tags placement per current standards (FM/CSA).



- **EXPLOSION-PROOF CERTIFIED**
- **NEMA 4X AND IP66/68 CERTIFIED**
- **WIDE SELECTION OF CONDUIT SIZES**

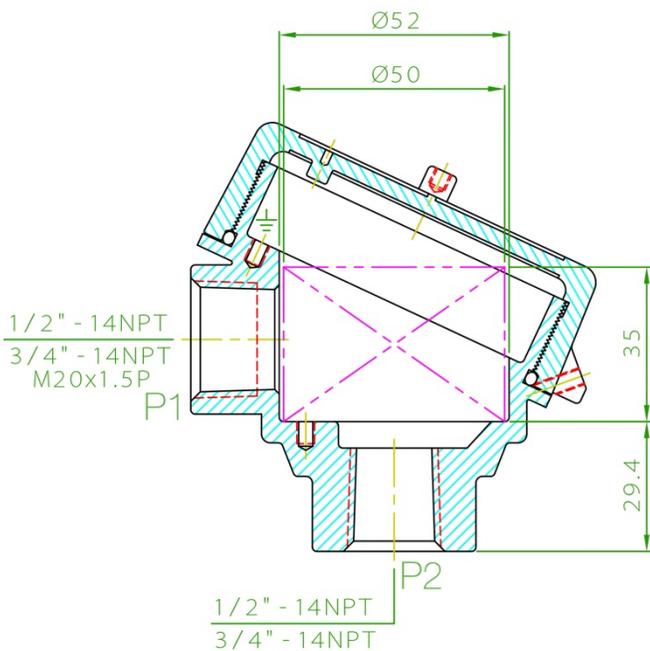
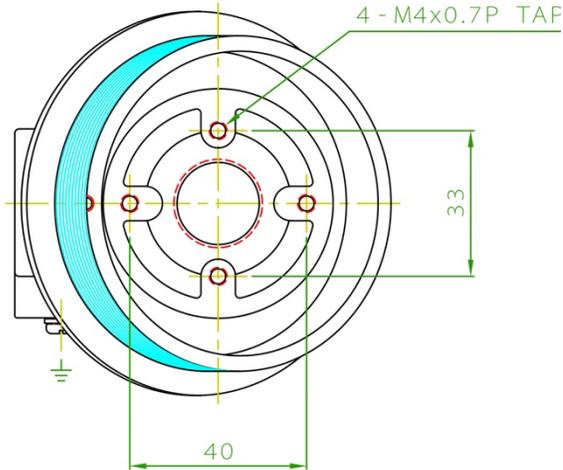
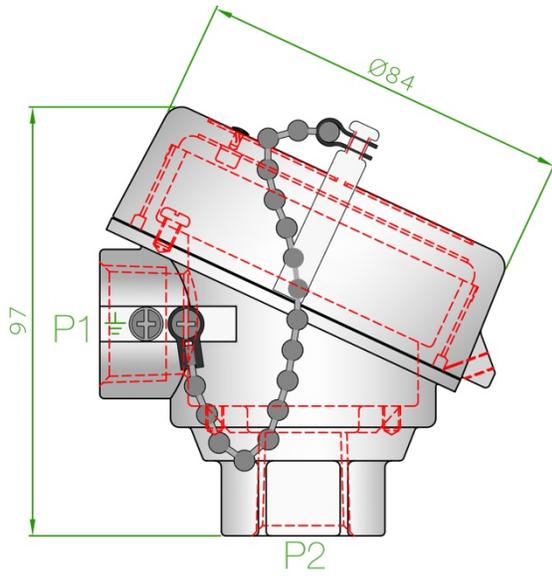
- **Material of Construction:** Die-Cast Aluminum
- **Certification:** FM / CSA
- **Connections:** 1/2"NPT,3/4"NPT,M20X1.5 P,M24 x 1.5
- **Mounting Holes:** See Attached Drawing
- **Surface Finishing:** Painted Grey or Custom Color*
- **"O" Ring:** EPDM
- **Weight:** 0.5 KG (1.1 LBS)
- **Accessories:** Terminal Block (Ceramic / Bakelite)

	Class I Div I Groups B,C,D: Ta= -50°C to 125°C Type 4X IP66/68
	Class II / III, Div 1 Groups E,F,G.Ta = -50°C to 125°C Type 4X IP66/68
	Class I zone EI,IIb+H2 Ta= -50C to 125°C Type 4X IP66/68
	Zone 21, Group IIIC Ta= -50°C to 125°C Type 4X IP66/68
	Class I Div I Groups B,C,D ; Class, Div I Group E,F,G Class III Tamb – 50°C to 125°C IP66/68



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Complete list of options:

MODEL	T1 Thread		T2 Thread	DESCRIPTION
1010PAE-01	3/4" NPT	x	1/2" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-02	1/2" NPT	x	1/2" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-03	3/4" NPT	x	3/4" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-04*	1/2" NPT	x	3/4" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-05*	3/4" NPT	x	M20 X1.5	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-06*	1/2" NPT	x	M20 X1.5	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-07*	3/4" NPT	x	M24 X1.5	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-08*	1/2" NPT	x	M24 X1.5	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-11*	M20 X1.5	x	3/4" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-12	M20 X1.5	x	1/2" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-13*	M20 X1.5	x	M20 X1.5	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-14*	M20 X1.5	x	M24 X1.5	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-15*	M24 X1.5	x	3/4" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-16*	M24 X1.5	x	1/2" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-17*	M24 X1.5	x	M20 X1.5	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68
1010PAE-18*	M24 X1.5	x	M24 X1.5	Aluminum Explosion Proof Thermocouple head FM/CSA NEMA 4X IP66/68

*Requires Min Order Qty and Lead Time