



DYNAMIC SENSORS INC.

Octavio Serrano
(281) 725-4734

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63 Monarch Trail, Sugarland TX 77498

1010PWEM



Aluminum explosion proof Thermocouple head Epoxy coated blue provided with FM, CSA, ATEX, IECEx certifications, NEMA 4X and IP66/68 rating. The connection head accommodates a terminal block or transmitter 2" (50mm) in diameter.



- EXPLOSION-PROOF CERTIFIED
- NEMA 4X AND IP66/68 CERTIFIED
- WIDE SELECTION OF CONDUIT SIZES
- OPTION FOR A CUSTOMIZED SS NAMEPLATE

- **Material of Construction:** Die-Cast Aluminum
- **Certification:** FM / CSA / ATEX / IECEx
- **Connections:** 1/2"NPT, 3/4"NPT, 1/2", M20x1.5P, M24 x 1.5
- **Surface Finishing:** Epoxy Blue or Custom Color*
- **"O" Ring:** EPDM
- **Weight:** 0.5 KG (1.1 LBS)
- **Accessories:** Terminal Block (Ceramic / Bakelite)

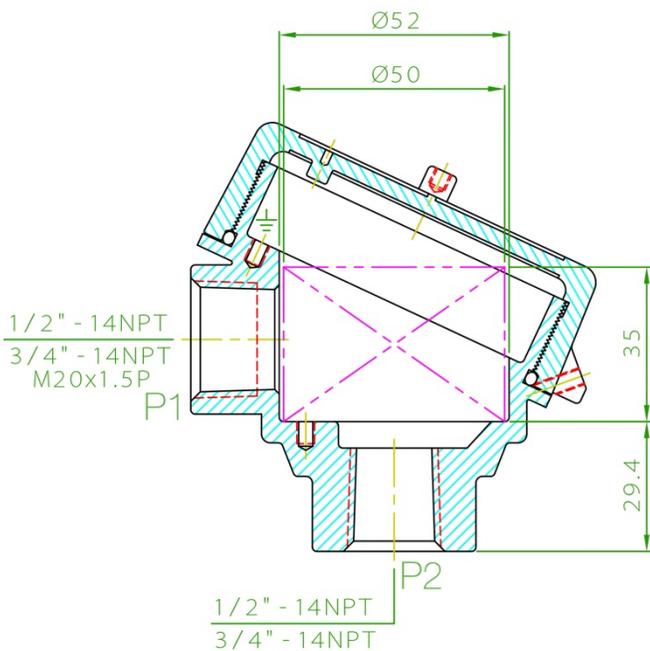
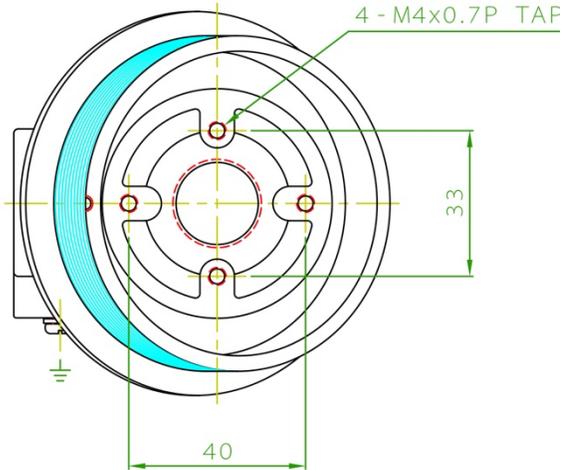
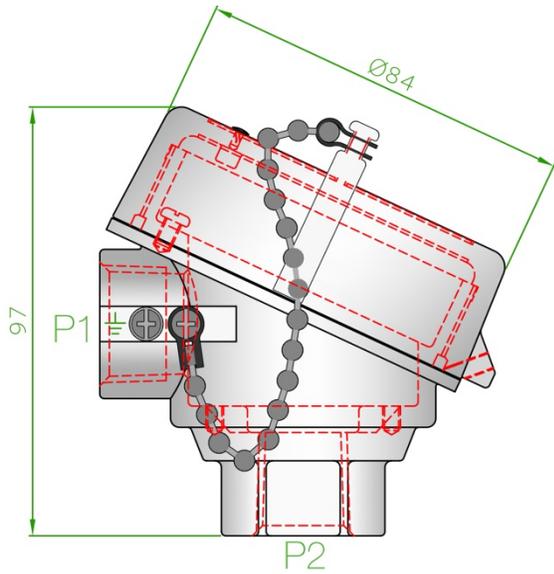
	Class I Div I Groups B,C,D : Ta= -50°C to 125°C Type 4X IP66/68 Class II / III, Div I Groups E,F,G.Ta = -50°C to 125°C Type 4X IP66/68 Class I zone EI,IIb+H2 Ta= -50°C to 125°C Type 4X IP66/68 Zone 21, Group IIIC Ta= -50°C to 125°C Type 4X IP66/68
	Class I Div I Groups B,C,D ; Class, Div I Group E,F,G Class III Tamb - 50°C to 125°C Type 4x IP66/68
	II 2G Exdb IIC Gb Ta =20°C to 125°C IP66/68 II2D Extb IIIC Db Ta=-50°C to 125°C IP66/68
	Ex db IIC Gb Ta =20°C to 125°C IP66/68 Ex tb IIIC Db Ta=-50°C to 125°C IP66/68

MODEL	T1 Thread	T2 Thread	DESCRIPTION
1010PWEM-01	3/4" NPT x	1/2" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA/ATEX/IECEx NEMA 4X IP66/68
1010PWEM-02	1/2" NPT x	1/2" NPT	Aluminum Explosion Proof Thermocouple head FM/CSA/ATEX/IECEx NEMA 4X IP66/68



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Complete list of options:

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

*THESE PRODUCTS UPON REQUEST WITH EXTRA LEAD TIME