

## INTRINSICALLY SAFE TRANSMITTER



THX



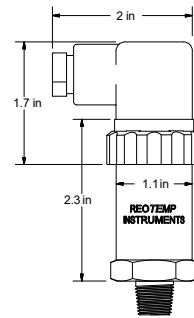
Diaphragm Seal  
Compatible

### FEATURES / BENEFITS

- 0.25% or 0.12% Accuracy
- All-stainless Welded Body and Wetted Parts
- Very Large Pressure Range
- Engineered for High Stability, Shock Resistance, and Durability
- Internal Zero and Span Adjustments

### SPECIFICATIONS

<b>Output Signal</b>	4-20mA, 2-wire (standard), 0-5Vdc or 1-10Vdc (3-wire)	
<b>Pressure Ranges</b>	Vacuum, compound, pressure to 15,000 psi; gauge and absolute	
	Proof Pressure	Burst Pressure
0/2 - 0/200 psi	3 x range	3.8 x range
0/300 - 0/10,000 psi	1.75 x range	4 x range
0/15,000 psi	1.5 x range	3 x range
<b>Accuracy (BFSL)</b>	±0.25% of span (standard), ±0.125% of span (optional)	
<b>Adjustment</b>	±10% full scale, zero & span	
<b>Input</b>	10-30 Vdc (for current output), 14-30 Vdc (for voltage output)	
<b>Temperature</b>	Compensated: 32 to 175°F Effect: ±0.01% of span/°F (on zero and span) Media: -20 to 200°F Ambient: -15 to 185°F	
<b>Weight</b>	Approximately 7 oz	
<b>Environmental Rating</b>	IP65	



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Note: Dimensions are nominal and may vary. Check with Reotemp sales if dimensions are critical. Other case styles available. 1/2" NPT Male is standard connection, other connections available.

**HOW TO ORDER:** Choose options to build a part number. For example: THXP142AB004-TS

THX	P14	2	A	B00	4	-TS
MODEL	RANGE	ACCURACY	OUTPUT SIGNAL	ELECTRICAL CONNECTION	PROCESS CONNECTION	OPTIONS
THX = Intrinsically Safe, CE Compliant, FM & CSA Approved	See Transmitter Technical Reference on 239	2 = ±0.25% Full Scale 3 = ±0.125% Full Scale	Both Models A = 4-20mA (2-wire) (standard)	B00 = Std. Hirschmann, No Cable (DIN EN 175301-803 Form A) B?? = Std. Hirschmann (?? = ft. of cable) J?? = 1/2" NPT Conduit (?? = ft. of cable) *F00 = 6-pin Bendix *M00 = M12 x 1 (4-pin) N00 = Std. Hirschmann with 1/2" FNPT Female ISO Flex Conduit Connection *Mating connector sold separately.	2 = 1/2" NPT Male (Standard) 4 = 1/4" NPT Male F = 1/2" NPT Male Flush Face Diaphragm Seal (60 psi Minimum) 9 = 9/16-18 UNF 2B Pressure Cone (Equal to F250C Autoclave)	-RS = Threaded Restrictor Screw -MC = M12x1 Mating Connector -TS = Stainless Steel Tag (1-10 Characters)  Optional Assembly to Diaphragm Seal Available

## TRANSMITTER TECHNICAL REFERENCE

SERIES		T90	TA	TSTA	TSA/ TSB	TSC	TSTP/ TSTD	TSTC	TG1	TP/ TDS	TC	TE	TH1	THX	TL1
Code		VACUUM													
P01	-30 inHg/0 psi	✓	✓	✓	✓	✓		✓				✓	✓	✓	
P01R	-14.5/0 psi							✓			✓				
Code		COMPOUND RANGES													
P02	-30 inHg/15psi	✓	✓	✓	✓	✓			✓				✓	✓	
P03	-30 inHg/30 psi	✓	✓	✓	✓	✓			✓			✓	✓		
P04	-30 inHg/60 psi	✓	✓	✓	✓	✓			✓						
P05	-30 inHg/100 psi	✓	✓	✓	✓	✓			✓			✓			
P06	-30 inHg/150 psi	✓	✓	✓	✓	✓			✓					✓	
P07	-30 inHg/200 psi	✓	✓	✓								✓			
P08	-30 inHg/300 psi	✓	✓	✓	✓	✓			✓						
P02R	-14.5/0/15 psi							✓			✓				
P03R	-14.5/0/30 psi						✓	✓		✓	✓				
P04R	-14.5/0/60 psi						✓	✓		✓	✓				
P05R	-14.5/0/100 psi						✓	✓		✓	✓				
P06R	-14.5/0/150 psi						✓	✓		✓	✓				
P07R	-14.5/0/200 psi						✓	✓		✓	✓				
P08R	-14.5/0/300 psi						✓	✓		✓	✓				
Code		PRESSURE RANGES													
IN50	0/50 inH <sub>2</sub> O	✓	✓	✓				✓			✓		✓		✓
IN100	0/100 inH <sub>2</sub> O	✓	✓	✓				✓	✓		✓		✓		✓
IN200	0/200 inH <sub>2</sub> O	✓	✓	✓				✓			✓				✓
L11	0/55 INWC	✓	✓	✓		✓		✓			✓		✓		
L12	0/80 INWC	✓	✓	✓		✓		✓			✓		✓		
L13	0/140 INWC	✓	✓	✓		✓		✓	✓		✓		✓		
L14	0/280 INWC	✓	✓	✓	✓	✓		✓	✓		✓		✓		
P11	0/2 psi	✓	✓	✓		✓		✓			✓		✓	✓	✓
P12	0/3 psi	✓	✓	✓		✓							✓	✓	✓
P13	0/5 psi	✓	✓	✓	✓	✓		✓	✓		✓		✓	✓	✓
P14	0/10 psi	✓	✓	✓	✓	✓		✓	✓		✓		✓	✓	✓
P15	0/15 psi	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓
P16	0/30 psi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P175	0/50psi	✓	✓	✓			✓	✓		✓	✓				
P17	0/60 psi	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓
P18	0/100 psi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P195	0/150 psi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
P20	0/200 psi	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
P21	0/300 psi	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
P26	0/500 psi	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
P23	0/600 psi	✓	✓	✓	✓	✓			✓				✓		
P27	0/750 psi	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓
P25	0/1000 psi	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
P30	0/1500 psi	✓	✓						✓	✓			✓		
P31	0/2000 psi	✓	✓						✓	✓			✓		
P32	0/3000 psi	✓	✓						✓	✓			✓		
P34	0/5000 psi	✓	✓						✓	✓			✓	✓	
P35	0/6000 psi	✓	✓						✓				✓		
P28	0/7500 psi	✓	✓						✓	✓			✓	✓	
P37	0/10000 psi	✓	✓						✓				✓	✓	
P38	0/15000 psi								✓				✓	✓	
P39	0/20000 psi												✓		
P40	0/30000 psi												✓		
P41	0/40000 psi												✓		
P42	0/50000 psi												✓		
P43	0/60000 psi												✓		
Code		ABSOLUTE RANGES													
P15A	0/15 psia		✓	✓	✓				✓		✓				
P16A	0/30 psia		✓	✓	✓				✓		✓				
P17A	0/60 psia		✓	✓	✓				✓		✓				
P18A	0/100 psia		✓	✓	✓				✓		✓				
P19A	0/150 psia		✓	✓	✓				✓		✓				
P20A	0/200 psia		✓	✓	✓				✓		✓				

TRANSMITTERS

**Don't See the Range You Need?**  
Other ranges may be available, contact REOTEMP customer service for more information.

✓ Indicates that the option is available  
Note: Specifications are subject to change.