

EXPLOSION PROOF TRANSMITTER



TE



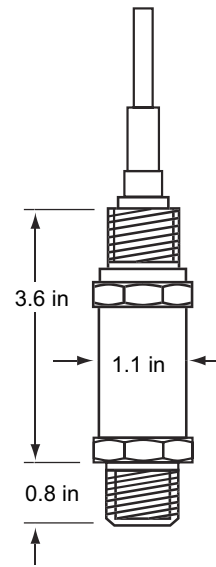
FEATURES / BENEFITS

- ±0.25% Full-scale (BFSL) Accuracy
- All 316SS Welded Body and Elgilyoy
- 4-20 mA or Low Power Voltage Outputs
- Rugged, with Protection from Shock, Over-range, and Over-voltage, Internals Potted in Silicone Gel



SPECIFICATIONS

Output Signal	4-20mA, 2-wire (standard), 1-5Vdc												
Pressure Ranges	Vacuum, compound, pressure 0/15 psi to 0/15,000 psi												
	<table border="1"> <thead> <tr> <th></th> <th>Proof Pressure</th> <th>Burst Pressure</th> </tr> </thead> <tbody> <tr> <td>0/5 - 0/200 psi</td> <td>3 x range</td> <td>3.8 x range</td> </tr> <tr> <td>0/300 - 0/10,000 psi</td> <td>1.75 x range</td> <td>4 x range</td> </tr> <tr> <td>0/15,000 psi</td> <td>1.5 x range</td> <td>3 x range</td> </tr> </tbody> </table>		Proof Pressure	Burst Pressure	0/5 - 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
	Proof Pressure	Burst Pressure											
0/5 - 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											
Accuracy (BFSL)	±0.25% of span												
Input	10-30Vdc for 4-20mA; 6-30Vdc for low power voltage output (≤ 2mA for power supply ≤ 12Vdc)												
Temperature	Compensated: 32 to 176°F Effect: ±0.011% FS/°F Media and Ambient: -25 to 212°F (-58 to 221°F optional)												
Weight	Approximately 12 oz with 6' of cable												
Environmental Rating	IP67												
Hazardous Approvals	FM and CSA approved: Explosion-proof with entity approve for : Class I, Division 1, Groups A, B, C and D. Dust Ignition-proof with entity approval for class II/III, Division 1, Groups E, F and G. Maximum electrical ratings 30V, 20 mA. CE compliant with pressure equipment directive 97/23EC.												



TE

Note: Dimensions are nominal and may vary. Check with Reotemp sales if dimensions are critical. Other case styles available.

TRANSMITTERS

HOW TO ORDER: Choose options to build a part number. For example: **TE1P212AJPVC062-TS**

TE	1	P21	2	A	JPVC06	2	-TS
MODEL	APPROVAL	RANGE	ACCURACY	OUTPUT SIGNAL	ELECTRICAL CONNECTION	PROCESS CONNECTION	OPTIONS
TE = Explosion Proof Industrial Transmitter	1 = FM & CSA Approval A = ATEX Approval	See Transmitter Technical Reference on 239	2 = ±0.25% Full Scale	A = 4-20mA (2-Wire) (Standard) B = 0-5Vdc (3-Wire) C = 1-5Vdc Low Power (3-Wire) E = 0-10Vdc (3-Wire)	JPVC06 = 1/2" MNPT Conduit (6ft. of PVC Cable) JPVC?? = 1/2" MNPT Conduit (?? = ft. of PVC Cable)	2 = 1/2" NPT Male 4 = 1/4" NPT Male	-RS = Threaded Restrictor Screw -TS = Stainless Steel Tag (1-10 Characters) -NC = NACE Compliance

TRANSMITTER TECHNICAL REFERENCE

SERIES		T90	TA	TSTA	TSA/ TSB	TSC	TSTP/ TSTDS	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 ₂ O	✓	✓	✓				✓			✓		✓		✓
IN100	0/100 inH ₂ O	✓	✓	✓				✓	✓		✓		✓		✓
IN200	0/200 inH ₂ 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.