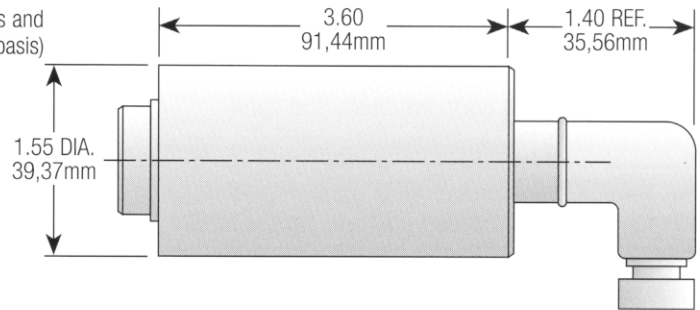


# Model 533 Pressure Transducer

## STANDARD SPECIFICATIONS

<b>Pressure Media</b> . . . . .	Fluids or gases compatible with 17-4 SST and 316 SST
<b>Case Material</b> . . . . .	Stainless Steel
<b>Supply Voltage</b> . . . . .	8-40 Vdc
<b>Output</b> . . . . .	4-20 mA
<b>Zero, Span</b> . . . . .	Site adjustable by potentiometers
<b>Insulation Resistance</b> . . . . .	100 megohms at 50 Vdc
<b>Accuracy % of FSO</b> . . . . .	0.25% (Typically 0.15%) (to include the effects of linearity, hysteresis and non-repeatability on a best fit straight line basis)
<b>Operating Temperature Range</b> . . . . .	-30° F to +170° F (-34° C to +77° F)
<b>Compensated Temperature Range</b> . . . . .	0° F to +130° F (-18° C to +54° F)
<b>Thermal Zero Error</b> . . . . .	.01% per °F
<b>Thermal FSO Error</b> . . . . .	.01% per °F
<b>Proof Pressure</b> . . . . .	2 times range, 200 psi minimum
<b>Burst Pressure</b> . . . . .	3 times range, 300 psi min., 50,000 max.

<b>Pressure Fitting</b> . . . . .	Less than or equal to 10,000 psi: 1/4" NPT Female Greater than 10,000 psi: Compatible with AE F250-C
<b>Electrical Fitting</b> . . . . .	Din 43650 Form C WIRING: Pin 1. + Pin 2. -
<b>Weight</b> . . . . .	Approximately 12 ounces



## HOW TO ORDER

All 12 spaces must be used.

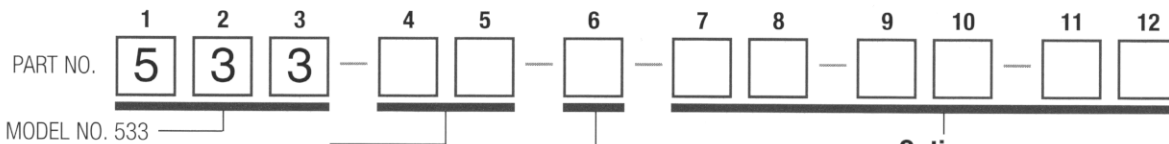
**Spaces 1-3** Specify model number.  
**Spaces 4 and 5** Choose pressure range. If non-standard range, pick the closest range above the special.

Notes: 1) Option "OF" must be used.  
2) See conversion factors below.

**Space 6** Specify pressure format (PSIS Standard).

**Spaces 7-12** Specify options in the order that they appear.

Notes on Options: 1) Place the code AA in unused option spaces.  
2) Consult factory for more than 3 options.



### CONVERSION FACTORS

Multiply Bar by 14.505 to get PSI  
Multiply kPa by .145 to get PSI

### PRESSURE RANGES (PSI)

BJ: 0-50	BU: 0-1500
*BL: 0-100	BV: 0-2000
BM: 0-150	BW: 0-2500
BN: 0-200	BX: 0-3000
BP: 0-300	BZ: 0-5000
*BR: 0-500	CC: 0-7500
BS: 0-750	CD: 0-10,000
*BT: 0-1000	CE: 0-15,000
	CF: 0-20,000

\*available from stock

### PRESSURE FORMAT

1: PSIG  
2: PSIS  
3: PSIA

### NO OPTIONS

AA: None

### ELECTRICAL CONNECTIONS

EA: PT06E-10-6P  
EI: Minni-Mac Type  
EM: Cable Exit

### PERFORMANCE OPTIONS

OA: Improved Accuracy  
OB: Improved Temp  
OD: Internal Cal. Shunt  
OF: Special Pressure Range (Please specify range & unit of measure)  
OG: Special Calibration  
OI: Special Temp. Range

### PRESSURE PORT ADAPTERS

PD: 1/4" NPT Male  
PG: 7/16" - 20 UNC External