200 Series



Industrial Pressure Transducer / Transmitter



Environmental Data Temperature -40 to 125°C (-40 to 250°F) Operating Storage -40 to 125°C (-40 to 250°F) Thermal Limits Compensated Range 0 to 55°C (32 to 131°F) TC Zero <± 1.0% FS TC Span <± 1.0% FS Other Shock 100G, 11 msec, 1/2 sine 20G peak, 20 to 2400 Hz. Vibration EMI/RFI Protection: Yes Rating: IP-66 (optional IP-67)

The SPAN 200 is an ASIC-compensated, high quality, stainless steel industrial pressure transducer designed for use in the measurement of liquids and gases. Intended for mid to high volume applications requiring excellent performance, the SPAN 200 succeeds by offering highly competitive pricing.

Benefits -

- Fully Welded Stainless Steel Housing
- No Oil Fill, Welds, or Internal O-rings
- Wide Operating Temperature
- Compatible with Liquids and Gases
- Rugged, Compact Design
- Pressures up to 10,000 PSI
- High Shock and Vibration
- EMI/RFI Protection

Applications -

- Industrial OEM Equipment
- Hydraulic Systems
- HVAC Equipment
- Refrigeration Equipment
- Automotive
- Energy / Water Management
- Test Stands
- Off-Road/Construction
 Equipment

Performance @ 25°C (77°F)			
Accuracy*	< ±0.25% BFSL		
Stability (1 year)	±0.25% FS, typical		
Over Range Protection	2X Rated Pressure		
Burst Pressure	5X or 20,000 PSI (whichever is less)		
Pressure Cycles	> 100 Million		

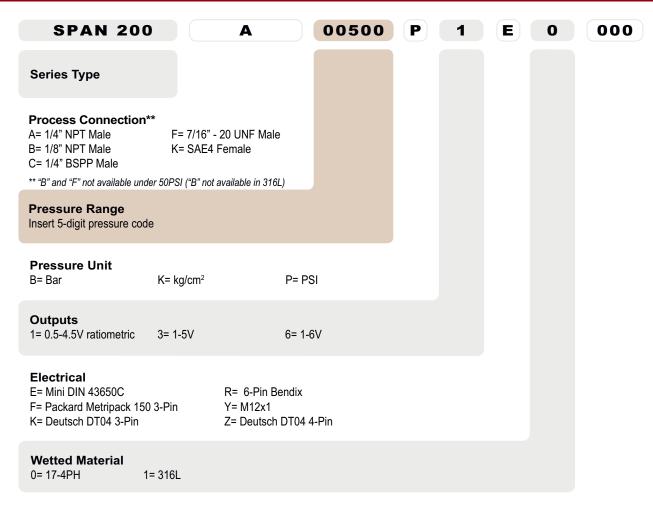
^{*} Accuracy includes non-linearity, hysteresis & non-repeatability

Electrical Data				
Output	Voltage (.25-5V, 1-5V, 1-6V)	0.5-4.5V Ratiometric		
Excitation	10-30VDC	5VDC		
Output Impedance	<100 Ohms, Nominal	<100 Ohms, Nominal		
Current Consumption:	<10mA	<10mA		
Bandwidth	(-3dB): DC to 3KHZ	(-3dB): DC to 3KHZ		
Output Noise:	<2mV RMS	<2mV RMS		
Zero Offset:	±0.5% of FS	±0.5% of FS		
Span Tolerance:	±1.0% of FS	±1.0% of FS		
Output Load:	10k Ohms, min	10K Ohms, min		
Reverse Polarity Protection	Yes	Yes		

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Ordering Information*



Options (contact factory for additional options) 000= No Options

*Minimum order quantities may apply to certain configurations, please contact factory for more information.

Pressure Ranges⁺

	-14.7 to 25**		V0025**
PSIG Measurement	-14.7 10 23	Pressure Code	V0025
	0-25		00025
	0-50		00050
	0-100		00100
	0-150		00150
	0-200		00200
	0-250		00250
	0-500		00500
	0-1,000		01000
	0-2,500		02500
	0-5,000		05000
	0-7,500		07500
	0-10,000		10000

BARG Measurement	-1 to 2**	Pressure Code	V0002**	
	0-2		00002	
	0-5		00005	
	0-7		00007	
	0-10		00010	
	0-20		00020	
	0-35		00035	
	0-50		00050	
	0-100		00100	
	0-250		00250	
	0-350		00350	
	0-500		00500	
	0-700		00700	
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^{*}All pressures between 0-25 PSI and 0-10,000 PSI available. **Compound pressures up to -14.7 to 500 PSI available. Please consult factory.