

# High-Stability Pressure Transmitters

Designed For Reliable and Stable Performance

## Compact Design with Integral Electrical Connectors

Broad Choice of Outputs & Pressure Ranges  
Available from 0-100 PSI to 0-30,000 PSI Ranges

## IP67 & IP65 Rated Electrical Connections

Deutsch®, AMP, M12, Packard  
MetriPack, Large DIN, Mini  
DIN & Flying Leads (IP65)  
Available

## All Welded Stainless Steel Wetted Parts

No Internal O-Rings & Seals  
Prone to Leaking

## Various Pressure Port Options

Multiple NPT, SAE & Metric Ports  
Available Ensures Installation Flexibility

## Advanced Sputtered Thin Film Technology

The 3100/3200 Series is uniquely designed for improved performance under wide operating temperatures offering <1.5% Total Error Band (TEB).

## Multiple Electrical Connection & Pressure Port Options

The 3100/3200 product line offers 14 electrical connectors and 16 pressure port options for flexibility to meet installation requirements. The multiple electrical connections and pressure ports enable customers with complex systems to reduce lengthy design changes.

## Reliable Moisture Protection For Indoor & Outdoor Applications

IP67 immersion and IP65 spray tested, the 3100/3200 series meets the needs of today's applications. The industry leading IP standard reduces customer worries about moisture ingress in tough environments.

## Reduced Engineering Cost & Time to Market Through Extensive Pre-Testing

The 3100/3200 has been extensively tested and data is available upon request to prove our capabilities to fit your application and help reduce your overall product testing. Tests include but are not limited to: shock, vibration, temperature, accuracy, salt spray and stability.



## 3100/3200 Series

# Ready to Serve Your Most Demanding Applications



### Specialty Vehicle

Maintains Accuracy at Extreme Temperatures



### Alternative Fuels

Rugged & Tested Against Heavy Vibration & Shock



### Agricultural

Resists Moisture Ingress in Harsh Environments



### Plasma Cutting

Small Footprint Fits into Limited Spaces



### Mining & Construction

Proven Durability in High Shock & Vibration Environments



### Fire Protection

High Reliability in Mission-Critical Service

### 3100/3200 Series Competitive Advantages

- ✓ **Compact Design** – Provides maximum flexibility for equipment designers
- ✓ **Extensive Re-Testing** – Proven test data available upon request
- ✓ **Thermally Stable** – <1.5% Total Error Band (TEB), high performance under a wide temperature range
- ✓ **High EMC Ratings** – Withstands noisy environments and provides surge resistance
- ✓ **Rugged & Heavy Duty** – Tested against high industry standard vibration and shock specifications

### 3100/3200 Series Options

- ✓ **Electrical Connections**
  - Industrial DIN 9.4 mm
  - M12 x 1P (4-Pin)
  - Large DIN
  - Industrial DIN 9.4 mm (alternate pin out)
  - Flying lead (12in/300mm)
  - Deutsch® DT04-3P
  - AMP Superseal 1.5 Series®
  - Deutsch® DT04-4P
  - Packard MetriPack
- ✓ **Pressure Ranges**
  - 0-100 PSI to 0-30,000 PSI range (0-7 bar to 0-2,200 bar)
- ✓ **Pressure Ports**
  - NPT, Metric and SAE ports available

AMP SUPERSEAL 1.5 SERIES® and Deutsch® are registered trademarks of TE Connectivity Solutions GmbH in Schaffhausen, Switzerland.



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