

Features	AB	BL	BX	SR	MM	ML	ST	EA	EC	DG	DM	SA	XP
Output													
Millivolt	•		•	•	•								
Amplified						•	•	•	•	•	•	•	
Current		•				•	•	•	•	•	•	•	•
Frequency								•					
Pressure Connection													
Flush	•	•	•								•	•	•
NPT					•	•	•	•	•		•	•	•
G-Threads					•	•	•	•	•		•	•	•
PT-Threads					•	•	•	•	•		•	•	•
UNF Threads				•	•			•		•	•	•	•
Others				•					•				
Termination													
Cable	•										•	•	•
Pins			•	•	•								
Packard						•	•					•	•
Hirschmann					•							•	•
DIN Connector								•				•	•
Other		•										•	•
Agency Approvals													
UL									•			•	•
CE								•	•			•	•
FM (Intrinsically Safe)											•		
Applications	AB	BL	BX	SR	MM	ML	ST	EA	EC	DG	DM	SA	XP
HVAC													
Refrigeration					•	•		•	•		•	•	•
Air & Gas Compressors					•	•	•	•	•		•	•	•
Chillers					•	•	•	•	•		•	•	•
Valves			•	•		•							
Medical													
Kidney Dialysis	•	•											
Instrumentation	•	•	•	•									
Blood Diffusion	•	•	•	•									
Aerospace													
Cock Pit & Cabin	•	•											
Military	•	•											
Transportation													
Train Braking					•	•	•	•	•	•	•	•	•
Diagnostics					•	•	•	•	•	•	•	•	•
Test Vehicles					•	•	•	•	•	•	•	•	•
Transmissions					•	•	•	•	•	•	•	•	•
Off Road Vehicles					•	•	•	•	•	•	•	•	•
Hydraulics					•	•	•	•	•	•	•	•	•
Diesel Engines					•	•	•	•	•	•	•	•	•
Heavy Equipment					•	•	•	•	•	•	•	•	•
Farm Equipment					•	•	•	•	•	•	•	•	•
Industrial OEMS													
Injection					•	•							
Printing Press			•	•		•	•	•	•				
Process													
Food & Beverage	•	•				•					•		•
Pulp & Paper	•	•				•					•		•
Petro Chemical	•	•				•					•		•

Warranty/Remedy

Honeywell warrants goods of its manufacture as being free of defective material and faulty workmanship. Contact your local sales office for warranty information. If warranted goods are returned to Honeywell during that period of coverage, Honeywell will repair or replace without charge those items it finds defective. **The foregoing is Buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose.**

While we provide application assistance, personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications may change at any time without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

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Stainless Steel Pressure Transducers



Honeywell has over 40 years of experience in the pressure transducer industry. Our Stainless Steel Pressure Transducers are well known for their high level of quality, reliability, and service, offering an unsurpassed value for pressure sensing applications.

Most of our transducers utilize the 'bonded strain gage' technology and are fully stainless steel media isolated. Our

products do not use internal seals. Our strain gage design is very resistant to the effects of shock, vibration, and hostile environments. All of our transducers are fully compensated and tested against the appropriate specifications before shipment.

Our Stainless Steel Pressure Transducers are manufactured in a variety of packages that are widely used in medical equipment, compressors, hydraulic controls, transportation, agriculture, and refrigeration applications.

- Trucks
- Air Compressors
- Paint Spray
- Transportation
- Medical
- Fork Lift

This publication does not constitute a contract between Honeywell and its customers. The contents may be changed at any time without notice. It is the customer's responsibility to ensure safe installation and operation of the products. Detailed mounting drawings of all products illustrated are available on request.
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Model AB-Flush Mount Pressure Transducer

The AB is our highly accurate flush mount transducer. The AB's package allows for ease of cleaning or measurement of high viscosity fluid volumes.

Features:

- Low level output: 0-100 mV
- Absolute pressures ranges available
- All-wetted 316 or 15-5 PH Series Stainless Steel
- CE approved
- High pressure capabilities (0-20,000 PSI; 0-1379 BAR)
- Accuracy: Extremely accurate, down to 0.25% F.S.O.



Model BL-Flush Mount Pressure Transmitter

The BL is our flush mount pressure transmitter with accuracy to 0.25%. The BL is hermetically sealed and FM approved for use in hazardous locations, which make it ideal for use in military and process applications.

Features:

- Amplified outputs: 4-20 mA
- Absolute pressures ranges available
- All-wetted 316 or 15-5 PH Series Stainless Steel
- Extremely accurate, down to 0.25% span
- High pressure capabilities (0-20,000 PSI; 0-1379 BAR)
- FM approved as an intrinsically safe device with appropriate barriers



Model BX & SR -OEM Sensing Modules

The BX and SR are our OEM flush mount and capsule pressure sensing modules. The BX and SR's size, cost, and mounting capability make them ideal for OEM users.

Features:

- Low level outputs: 50 mV (BX)/25 mV/mA (SR)
- All-wetted 300 Series Stainless Steel-No Internal Seals
- Small Size: Overall length < 1.0", diameter <0.75"
- Accuracy: ±1% F.S.O.



Model DG-High Temperature Pressure Transducer

The DG is our high temperature pressure transducer, it offers an operating temperature range of -40° to 125°C.

Features:

- Operating temperature range of -40° to 125°C
- High Pressure Capabilities (0-7000 PSI; 0-482 BAR)
- Amplified outputs: 0.25-4.75 VDC
- Accuracy: ±1% F.S.O.
- No Internal Seals



Model DM-DataMate Pressure Transmitter

The DataMate is our heavy-duty pressure transmitter designed for use in hazardous locations. The DataMate features a 1/2 inch NPT conduit connection. Approved for use by FM in Class I, Division I, Groups A through G Hazardous locations with appropriate barriers.

Features:

- Amplified outputs: 4-20 mA
- FM approved as an intrinsically safe device with appropriate barriers
- High pressure capabilities (0-7100 PSI; 0-490 BAR)
- Accuracy: ±1% F.S.O.
- All-wetted 300 Series Stainless Steel-No Internal Seals



Model EA-Manifold Mount Pressure Transducer

The EA is our manifold mount pressure transducer. The EA is fully amplified, offering either a voltage or frequency output and is UL approved.

Features:

- Amplified outputs: 4-20 mA
- FM approved as an intrinsically safe device with appropriate barriers
- High pressure capabilities (0-7100 PSI; 0-490 BAR)
- Accuracy: ±1% F.S.O.
- All-wetted 300 Series Stainless Steel-No Internal Seals



Model EC-General Purpose Industrial Pressure Transducer

The EC is our most flexible product offering. The EC features various pressure port sizes, electrical terminations and amplified outputs to meet the end users changing demands.

Features:

- Amplified outputs: 0.5-4.5 VDC Ratiometric, 1-6 VDC Regulated; 4-20 mA
- All-wetted 300 Series Stainless Steel-No Internal Seals
- Packages: Standard NPT, G style, and PT pressure port threads; Packard, Hirschmann, DIN, and cable termination
- High Pressure Capabilities (0-7000 PSI; 0-482 BAR)
- Exceeds CE Heavy Industry EMC
- Accuracy: ±0.25% F.S.O.



Model ML-OEM Pressure Transducer

The ML combines our proven all-wetted Stainless Steel design with the latest in ASIC technology to provide a rugged, low cost solution for OEM pressure sensing applications.

Features:

- Amplified outputs: 0.5-4.5 VDC Ratiometric, 1-6 VDC Regulated, 4-20 mA
- Exceeds CE Heavy Industry EMC
- All-wetted 300 Series Stainless Steel-No Internal Seals
- Accuracy: ±0.25% F.S.O.



Model MM-MediaMate Pressure Transducer

The MediaMate is our general-purpose unamplified pressure transducer that allows the end user to provide application-specific amplification.

Features:

- Low level output: 0-50 mV
- High Pressure Capabilities (0-7000 PSI; 0-482 BAR)
- All-wetted 300 Series Stainless Steel-No Internal Seals
- Hirschmann Termination available
- Accuracy: ±0.5% F.S.O.



Model SA-Harsh Duty Pressure Transducer

The SA features a water resistant, stainless steel case for complete protection from harsh environments. Internal hermetic sealing is used to provide measurement of absolute pressures (PSIA) or pressures referenced to a sealed chamber (PSIS).

Features:

- Amplified outputs: 1-6 VDC
- CE approved versions available
- High pressure capabilities (0-7100 PSI; 0-490 BAR)
- Accuracy: ±1% F.S.O.
- All-wetted 300 Series Stainless Steel-No Internal Seals



Model ST-Light Industrial Pressure Transducer

The ST utilizes Honeywell's proven silicon pressure sensing with the latest in ASIC technology, providing an industrial, low cost solution for pressure sensing applications involving non-corrosive media (water, air, and inert gases).

Features:

- Amplified outputs: 0.5-4.5 VDC (Ratiometric and Regulated), 4-20 mA
- Exceeds CE Heavy Industry EMC
- Low pressure ranges (0-5, 250 PSIG; 0-0.03, 17 BAR)
- Accuracy: ± 0.25% F.S.O.



Model XP-XPRO Heavy Duty Pressure Transmitter

The Xpro features a water resistant, stainless steel case for complete protection from harsh environments, offering a 4-20 mA current signal. In addition, the Xpro is UL approved as an intrinsically safe device for use in hazardous locations when used with appropriate barriers.

Features:

- Amplified outputs: 4-20 mA
- UL approved as an intrinsically safe device with appropriate barriers
- High pressure capabilities (0-7100 PSI; 0-490 BAR)
- Accuracy: ±1% F.S.O.
- All-wetted 300 Series Stainless Steel-No Internal Seals