

## PRESSURE TRANSDUCER

- All-laser-welded stainless steel for media isolation
- Integral "Smart" signal conditioning electronics
- Custom ASIC provides signal conditioning for calibration and temperature compensation
- +/-1% accuracy from -40°C to 105°C
- Standard and custom options available for OEM quantities
- Compact size, excellent price/performance ratio
- 5V DC power supply Input with 0.5 to 4.5 V DC output
- 8~30V DC power supply with 1~5V DC Output or 4-20 mA Output



### TYPICAL APPLICATIONS

- Refrigeration
- Fuel Cells
- Pumps
- Hydraulics
- Pneumatics
- Process Control
- Compressors
- Spraying System
- Flow
- Robotics
- Agriculture
- Hydrogen Storage

### SPECIFICATION

<b>Pressure Range</b>	0-5Bar, 0-10Bar, 0-20Bar, 0-100Bar, 0-200Bar (Gauge or Absolute)
<b>Over Pressure</b>	2 time of full scale
<b>Connection</b>	1/4"NPT, 1/8"NPT, G 1/4", G 1/8"
<b>Accuracy</b>	1%
<b>Stability</b>	0.25% F.S./year
<b>Total Error</b>	1.00%
<b>Operating Temp</b>	-20~80°C (-40~105°C optional)
<b>Output</b>	0.5-4.5V, 1~5V, 0~10V, 0.5~10.5V, 4-20mA
<b>Electrical Connection</b>	IP68 Cable Gland, DIN43650A
<b>Power Supply</b>	5Vdc, 8~30Vdc
<b>Approvals</b>	CE

### HOW TO ORDER

**Example: EC1510-200A-2U-C-5**

Pressure Range (Bar) \_\_\_\_\_

A: Absolute  
G: Sealed gauge

Connecting screw \_\_\_\_\_

1U: 1/8"NPT  
2U: 1/4"NPT  
3U: 1/2"NPT  
1V: G1/8"  
2V: G1/4"

Conduit \_\_\_\_\_

C: Cable Gland (std, 1M)  
D: DIN 43650A

Output Options \_\_\_\_\_

1: 0.5~4.5V  
2: 1~5V  
3: 0~10V  
4: 0.5~10.5V  
5: 4~20mA