

## 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
- 5 Vdc Input for 0.5 to 4.5 Vdc Output
- 8~30 Vdc Input for 1~5 Vdc 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>	0-10Bar, 0-20Bar, 0-100Bar, 0-200Bar (Gauge or Absolute)
<b>Over Pressure</b>	2* Full Scale
<b>Connection</b>	1/8"NPT, 1/4"NPT (Hex 22mm)
<b>Accuracy</b>	0.25%, 0.50% (For -40~105°C)
<b>Long Term Drift</b>	0.20%
<b>Thermal Error</b>	1.00% or 1.50%
<b>Operating Temp</b>	-20~80°C (-40~105°C optional)
<b>Linearity</b>	<0.25%FS for 100~500 Psia <0.5%FS for 750~3000 Psia
<b>Output</b>	0.5~4.5V, 1~5V, 4-20mA
<b>Electrical Connection</b>	IP67 Cable Gland, IP67 DIN43650A
<b>Power Supply</b>	5VDC, 8~30VDC
<b>Approvals</b>	CE, EMI

### HOW TO ORDER

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

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

A: Absolute

G: Gauge

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

1U: 1/8"NPT

2U: 1/4"NPT

3U: 1/2"NPT

Conduit \_\_\_\_\_

C: Cable Gland (std, 1.8M)

D: DIN 43650A

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

1: 0.5~4.5V (for 5Vdc)

2: 1~5V (for 8~30Vdc)

5: 4~20mA (for 8~30Vdc)