

DIGITAL PRESSURE GAUGE

- 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 0°C to 50°C
- Standard and custom options available for OEM quantities
- Compact size, excellent price/performance ratio

TYPICAL APPLICATIONS

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



SPECIFICATION

Pressure Range	0-10Bar, 0-20Bar, 0-100Bar, 0-200Bar (Gauge)
Over Pressure	2* Full Scale
Connection	1/8"NPT, 1/4"NPT (Hex 22mm)
Accuracy	1%
Long Term Drift	0.20%
Thermal Error	1.00%
Operating Temp	-20~50°C
Zero Tolerance	1.00%
Span Tolerance	1.00%
Dimension	3"
Output (D/O)	NPN or PNP
Electrical Connection	DIN43650A
Power Supply	8~24VDC Input with Mini-DIN connection, Battery 9V
Approvals	CE
Display	LCD 4Digit

HOW TO ORDER

Example: EC1520-200G-2U-D-5

Pressure Range (Bar) _____

G: Gauge

Connecting screw _____

1U: 1/8"NPT

2U: 1/4"NPT

3U: 1/2"NPT

Conduit _____

D: DIN 43650A

0: —

Output Options _____

0: Battery 9V

5: 4~20mA (8~30V DC)

6: NPN Transistor

7: PNP Transistor

FINETEK CO., LTD.

No.29-1, San-Teh Street, Shu-Lin, Taipei Hsien, Taiwan
 TEL : 886-2-26886025, 26894607
 FAX : 886-2-26894533, 26883318
 E-mail: finetek-sales@umail.hinet.net
 http://www.fine-tek.com

FINE AUTOMATION CO., LTD.

No.29-2, San-Teh Street, Shu-Lin, Taipei Hsien, Taiwan
 TEL : 886-2-26894607, 26886025
 FAX : 886-2-26894533
 E-mail: L2923@ms15.hinet.net
 sales-fine@umail.hinet.net
 http://www.fineautomation.com

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

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