GE Sensing

Features

- First of new generation of pressure controller/indicators, designed on a modular platform
- Ease of operation
- Virtually no downtime and instrument outage because of modularity
- Improved precision
- Improved long term stability
- Control stability 0.003% FS
- High resolution colour display
- Touch screen operation
- Less maintenance longer intervals between calibration
- High precision pressure generation

- Up to 210 bar (3000 psi/21 MPa) gauge and absolute
- Lower cost of ownership
- Ethernet and CANBUS options
- Very low drift
- RS232 and IEEE connectivity as standard
- Designed both for 482 mm (19 in) rack systems and for bench use
- Backward compatibility with existing GE products (Druck DPI520)
- Compatibility with Intecal and Third Party software
- Utilises GE's unique piezo-resistive sensor technology
- Negative calibration included as standard
- Complementary supporting services available

The PACE5000

Modular Pressure Controller/Indicator

First in a new generation of modular, high precision Druck pressure controllers/indicators, designed for ATE and test bench applications





GE

Sensing

Specifications

Pressure Measurement		
0.35, 1, 3, 5, 10 15, 30, 50, 100, 150, 300, 1500, 1000, 1500, 200, 300, 000 psi 2.5, 7, 20, 35, 70, 100, 200, 305, 700 Neb 1, 2, 3, 57, 10, 155, 21 MPg All gauge versions available with negative colibration as standard. For absolute pressure ranges select a gauge range and add Barometric Reference legrowides gauge - atmosphere absolute range). Over Range Indication 10% above full scale pressure range. Pressure Media Dry oil free, non-cerosive gas maintained at a value of 10% above the maximum required autiet pressure. Dry oil or Nitrogen recommended. Display Panel 4 VGA wide format Graphics LCD, colour bouch screen. Update Rate 2 times per second. Readout + 9999999 Pressure Units 24 scale units plus four user defined- Pa, hPa, kPa, MPa, kg/cm², kg/m², mmtg, cmHg, mHg, inHg, mmtl,0, cmH,0, inH,0@4C, H,0@60F, feetH,0@4C, 20C, 60F, ps, lb/ft², tor, dtm, mbor & bor. Performance Precision Ranges ≤ 200 mbor 200 mbor - 0,02% Rag + 0,02% FS, 70 mbor - 0,05% Rag + 0,05% FS, 25 mbor - 0,1% Rag + 0,1% FS, includes linearity, hysteresis, repeatability and temperature effects for gauge pressures and assumes steady state and regular zeroing. For absolute pressures, add 0.1 mbor or 0,0015 psi Precision Ranges > 200 mbor 3 hysteresis, repeatability and temperature effects for gauge pressures and assumes steady state and regular zeroing. For absolute pressures, add 0.1 mbor or 0,0015 psi Negative Gauge Precision 10 Maximum error of any given pressure value is equal to maximum error at the equivalent positive pressure value. 1 Long Term Stability 1 0.03% Rading per annum. 2 bor to 210 box 0,02% Rdg, 1 box 6,03% Rdg, 2.5 mbor - 700 mbor 1 0.03% Rading per annum. 2 bor to 210 box 0,02% Rdg, 1 box 6,03% Rdg, 2.5 mbor - 700 mbor 1 0.03% Rading per annum. 2 bor to 210 box 0,02% Rdg, 1 box 6,03% Rdg, 2.5 mbor - 700 mbor 1 0.03% Rading per annum. 2 bor to 210 box 0,02% Rdg, 1 box 6,03% Rdg, 2.5 mbor - 700 mbor 1 0.03% Rading per annum. 2 bor to 210 box 0,02% Rdg, 1 box 6,03% Rdg, 2.5 mbor - 700 mbor 2 0.03% Rdg, 2.5 mbor - 700 m		
2.5, 7, 20, 35, 70, 100, 200, 350, 700 kPa, 1, 2, 3.5, 7, 10, 135, 21 MPa All gouge versions ovaliable with negative collarations as standard. For absolute pressure ranges select a gauge range and add Barametric Reference (provides gauge + atmosphere obsolute range). Over Range Indication 10% above full scale pressure range Pressure Media Dry oil free, non-corrosive gas maintained at a value of 10% above the maximum required outlet pressure. Dry oil free, non-corrosive gas maintained at a value of 10% above the maximum required outlet pressure. Dry oil free, non-corrosive gas maintained at a value of 10% above the maximum required outlet pressure. Dry oil free, non-corrosive gas maintained at a value of 10% above the maximum required outlet pressure. Dry oil free formation for third pressure of the pressure under the pressure and assure steady state and regular zeroing. For abosulte pressures, and 0.1 mb are 0.00% Rdg + 0.00% FS, 70 mb are 0.05% Rdg + 0.05% FS, 25 mb are 0.1% Rdg + 0.1 % FS, includes linearity, hysteresis, repeatability and temperature effects for gauge pressure and assures steady state and regular zeroing. For abosulte pressures, add 0.1 mb are 0.0015 ps.] Precision Ranges > 200 mbar 2	Standard Pressure Ranges	25, 70, 200, 350 and 700 mbar gauge, 1, 2, 3.5, 7, 10, 20, 35, 70, 100, 135 and 210 bar gauge
All gauge versions available with negative collaration as standard. For absolute pressure ranges select a gauge range and add Barometric Reference (provides gauge - atmosphere absolute range). Pressure Media Dry oil free, non-crorsive gas maintained at a value of 10% above the maximum required outlet pressure. Dry oir or Nitrogen recommended. Display Display Panel M VGA wide format Graphics LCD, colour touch screen. Update Rate 2 times per second. Radaout + 999999 Pressure Units 2 scale units plus four user defined: Pa, Pha, Rha, MPa, Kg/cm², Kg/m², mmHg, cmHg, mHg, inHg, mmH, 0, cmH, 0, inH, 0, 0, inH, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0,		
Berimetric Reference (provides; gauge + atmosphere absolute range).		
Over Range Indication Pressure Media Dry, oil free, non-corrosive gas maintained at a value of 10% above the maximum required outlet pressure. Dry oir or Nitrogen recommended. Display Penel		Barometric Reference (provides gauge + atmosphere absolute range).
Display		10% above full scale pressure range.
Panel ¼ VGA wide format Graphics LCD, colour touch screen. Update Rate 2 times per second. Readout ±9999999 Pressure Units 24 scale units plus four user defined: Po, hPo, kPo, MPo, kg/cm², kg/m², mmHg, cmHg, mHg, mH, 0, cmH, 0, inH ₃ ,0%4C, H, 0,0%2C, H, 0,0%6C, H, 0,0%6	Pressure Media	
Ponel W VGA wide format Graphics LCD, colour touch screen. Update Rate 2 times per second. Readout 2 9999999 Pressure Units 24 scale units plus four user defined: Po, hPo, kPo, MPo, kg/cm², kg/m², mmHg, cmHg, mHg, inHg, mmH, O, mH, O, mH, O, each, H, O, O, Edd, H, O,		Dry air or Nitrogen recommended.
Ponel W VGA wide format Graphics LCD, colour touch screen. Update Rate 2 times per second. Readout 2 9999999 Pressure Units 24 scale units plus four user defined: Po, hPo, kPo, MPo, kg/cm², kg/m², mmHg, cmHg, mHg, inHg, mmH, O, mH, O, mH, O, each, H, O, O, Edd, H, O,	Display	
Update Rate 2 times per second. Readout 9999999 Pressure Units 9999999 Pressure Units 24 scale units plus four user defined: Po, hiPa, KPa, MPa, kg/cm², kg/m², mmHg, cmHg, mHg, mHg, cmH, 0, mH, 0@4C, H, 0@4C, H, 0@4C, DC, 60Fl, psi, lb/fr², torr, atm, mbar & bar. Performance Precision Ranges ≤ 200 mbar 200 mbar − 0.02% Rdg + 0.02% FS, 70 mbar − 0.05% Rdg + 0.05% FS, 25 mbar − 0.1% Rdg + 0.1 % FS, includes linearity, hysteresis, repeatability and temperature effects for gauge pressure and assumes steady state and regular zeroing. For absolute pressures, add of 1 mbar or 0.0015 psi. Precision Ranges > 200 mbar 10.01% Rdg + 0.01% FS includes linearity, hysteresis, repeatability and temperature effects for gauge pressures and assumes steady state and regular zeroing. For absolute pressures, add on 1 mbar or 0.0015 psi. Negative Gauge Precision Precision Ranges > 200 mbar 10.01% Regation per annum. 2 but to 210 bar. 0.02% Rdg, 1 bar. 8 0.03% Rdg, 2 bar. 97.00 mbar Precision repeatability and temperature effects between 15°C (59°F) and 45°C (113°F). Lang term measurement stability of 1 mbar or 0.0015 psi per annum. Controller Stability 0.03% FS Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Electrical Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communication RS232, IEEE-488, DPI520 emulation. Future expandability. Environmental Femperature Operating 10°C to 50°C (50°F to 122°F) Collibrated 15°C to 45°C (59°F to 113°F) Storage -20°C to 70°C (-4°F to 158°F) Sealing IP30 Humidity 5% RH to 95% RH non-condensing. Conformity ENSIGNED Sealing 10.1 kg or 22 lbs Negative Add Than 20 x 320 mm (17.3 in x 20 x 12.6 in) 6 Weight 10.1 kg or 22 lbs Optional G 4 male to 4 M PT female adaptors, 6 40 ftm recisions 6 40 ftm		1/1/04 : 1 (
Persure Units 24 scale units plus four user defined: Po, hPa, KPa, MPa, kg/cm², kg/m², mmHg, cmHg, mHg, inHg, mmH, 0, cmH, 0, mH, 0@4C, H, 0@20C, H, 0@60F, feetH, 0 (@4C, 20C, 60F), ps, lb/fr²; forr, atm, mbar & bar. Performance Precision Ranges < 200 mbar		
Pressure Units 24 scale units plus four user defined: Po, IPPa, RPa, MPa, kg/cm², kg/m², mmHg, cmHg, mHg, inHg, mmH,O, mH,O, inH,O@AC, H,O@20C, H,O@60F, feetH,O (@ AC, 20C, 60F), psi, lb/ft², torr, atm, mbar & bar. Performance Precision Ranges < 200 mbbar 200 mbbar = 0.0296 Rdg + 0.0296 Fs, 70 mbar = 0.0596 Rdg + 0.0596 Fs, 25 mbar = 0.196 Rdg + 0.1 % Fs, includes linearity, hysteresis, repeatability and temperature effects for gauge pressure and assumes steady state and regular zeroing. For absolute pressures, add 0.1 mbar or 0.0015 psi Precision Ranges > 200 mbbar Precision Ranges > 200 mbbar 20.0196 Rdg + 0.0196 Fs includes linearity, hysteresis, repeatability and temperature effects for gauge pressure and assumes steady state and regular zeroing. For absolute pressures, add 0.1 mbar or 0.0015 psi. Negative Gauge Precision Maximum error at any given pressure value is equal to maximum error at the equivalent positive pressure value. Long Term Stability 10 0.0196 Reading per annum. 2 bar to 210 bar. 0.0296 Rdg. 1 bar 8.0396 Rdg, 25 mbar 700 mbar Barometric Reference Precision for the optional barometric reference 0.1 mbar or 0.0015 psi. Includes non-linearity, hysteresis, repeatability and temperature effects between 15°C 159°F) and 45°C 1113°F). Long term measurement stability 0.1 mbar or 0.0015 psi per annum. Controller Stability 0.00396 FS 20 and 30 a		
Performance Precision Ranges < 200 mbar 20.02% Rdg + 0.02% FS, 70 mbar = 0.05% Rdg + 0.05% FS, 25 mbar = 0.1% Rdg + 0.1 % FS, includes linearity, hysteresis, repeatability and temperature effects for gauge pressure and assumes steady state and regular zeroing. For absolute pressures, add 0.1 mbar or 0.0015 psi. Precision Ranges > 200 mbar 20.01% Rdg + 0.01% FS includes linearity, hysteresis, repeatability and temperature effects for gauge pressure and assumes steady state and regular zeroing. For absolute pressures, add 0.1 mbar or 0.0015 psi. Negative Gauge Precision Negative Gauge Precision Long Term Stability To 0.01% Read on an		
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Precision Ranges ≤ 200 mbar 200 mbar 200 mbar 200% Rg 4 + 0.02% FS, 70 mbar 20.5% Rg 4 + 0.05% FS, 25 mbar 20.1% Rg 4 + 0.1 % FS, includes linearity, hysteresis, repeatability and temperature effects for gauge pressure and assumes steady state and regular zeroing. Per desolute pressures, add 0.1 mbar or 0.0015 psi. Precision Ranges > 200 mbar 200 mba		
hysteresis, repeatability and temperature effects for gauge pressure and assumes steady state and regular zeroing. For absolute pressures, add 0.1 mbar or 0.0015 psi. Precision Ranges > 200 mbar Only Rafg + 0.01% FS includes linearity, hysteresis, repeatability and temperature effects for gauge pressures and assumes steady state and regular zeroing, For absolute pressures, add 0.1 mbar or 0.0015 psi. Negative Gauge Precision Maximum error at any given pressure value is equal to maximum error at the equivalent positive pressure value. Long Term Stability To 0.01% Reading per annum. 2 bar to 210 bar. 0.02% Rafg, 1 bar & 0.03% Rafg, 25 mbar-700 mbar Barometric Reference Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-70 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Power Supply 0.003% FS Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communication R5232, IEEE-488, DPI520 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C [50°F to 122°F] Colibrated 15°C to 45°C [50°F to 113°F] Storage -20°C to 70°C [4°F to 158°F] Sealing 1930 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stan. 66-31 84 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EM61010. Conformity EN	Performance	
hysteresis, repeatability and temperature effects for gauge pressure and assumes steady state and regular zeroing. For absolute pressures, add 0.1 mbar or 0.0015 psi. Precision Ranges > 200 mbar Only Rafg + 0.01% FS includes linearity, hysteresis, repeatability and temperature effects for gauge pressures and assumes steady state and regular zeroing, For absolute pressures, add 0.1 mbar or 0.0015 psi. Negative Gauge Precision Maximum error at any given pressure value is equal to maximum error at the equivalent positive pressure value. Long Term Stability To 0.01% Reading per annum. 2 bar to 210 bar. 0.02% Rafg, 1 bar & 0.03% Rafg, 25 mbar-700 mbar Barometric Reference Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-70 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Precision for the optional bornometric reference 0.1 mbar or 0.0015 psi. babar-700 mbar Power Supply 0.003% FS Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communication R5232, IEEE-488, DPI520 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C [50°F to 122°F] Colibrated 15°C to 45°C [50°F to 113°F] Storage -20°C to 70°C [4°F to 158°F] Sealing 1930 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stan. 66-31 84 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EM61010. Conformity EN	Precision Ranges ≤ 200 mbar	
Precision Ranges > 200 mbor		
Steady state and regular zeroina, For absolute pressures, add 0.1 mbor or 0.0015 psi.	Dragician Banaca : 200 mbar	For absolute pressures, add 0.1 mbar or 0.0015 psi
Negative Gauge Precision Maximum error at any given pressure value is equal to maximum error at the equivalent positive pressure value. Long Term Stability To 0.01% Reading per annum. 2 bar to 210 bar, 0.02% Rdg, 1 bar & 0.03% Rdg, 25 mbar-700 mbar Barometric Reference Precision for the optional barometric reference 0.1 mbar or 0.0015 psi. Includes non-linearity, hysteresis, repeatability and temperature effects between 15°C (59°F) and 45°C (113°F). Long term measurement stability 0.1 mbar or 0.0015 psi per annum. Controller Stability 0.003% FS Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Electrical Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communications Communication RS232, IEEE-488, DPI520 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C (50°F to 122°F) Calibrated 15°C to 45°C (59°F to 113°F) Storage -20°C to 70°C (4°F to 158°F) Sealing IP30 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stora, 66-31 Bk. 4 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EN61010. Conformity EN61010, EN61326, PED, ROHS & WEEE CE marked. Physical Weight 10.1 kg or 22 lbs Dimensions Pheumatic Connections G % female Optional: 6 % male to ½ NPT female adaptors, G % male to ½ NPT female adaptors,	Precision Ranges > 200 mbar	
Long Term Stability To 0.01% Reading per annum. 2 bar to 210 bar. 0.02% Rdg, 1 bar & 0.03% Rdg, 25 mbar-700 mbar Barometric Reference Precision for the optional barometric reference 0.1 mbar o 0.0015 psi, includes non-linearity, hysteresis, repeatability and temperature effects between 15°C (59°F) and 45°C (113°F). Long term measurement stability 0.1 mbar or 0.0015 psi per annum. Controller Stability 0.003% FS Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Electrical Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communications Communication RS232, IEEE-488, DPI520 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C (50°F to 122°F) Calibrated 15°C to 45°C (59°F to 113°F) Storage -20°C to 70°C (-4°F to 158°F) Sealing IP30 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. 5tan. 66-31 8.4 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EN61010. Conformity EN6101, EN61326, PED, ROHS & WEEE CE marked. Physical Weight 10.1 kg or 22 lbs Dimensions G % female Optional: 5% male to ¼ NPT female adaptors, G % male to ¼ NPT female adaptors,	Negative Gauge Precision	
Precision repeatability and temperature effects between 15°C (59°F) and 45°C (113°F). Long term measurement stability 0.1 mbar or 0.0015 psi per annum. Controller Stability 0.003% FS Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Electrical Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communications Communication RS232, IEEE-488, DPI520 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C (50°F to 122°F) Calibrated 15°C to 45°C (59°F tot 113°F) Storage -20°C to 70°C (-4°F to 158°F) Sealing IP30 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stan. 66-31 8.4 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EN61010. Conformity EN61010, EN61326, PED, ROHS & WEEE CE marked. Physical Weight 10.1 kg or 22 lbs Dimensions 440 mm x 2U x 320 mm (17.3 in x 2U x 12.6 in) Pneumatic Connections G ½ female Optional: 6 ¼ male to ¼ NPT female adaptors, G ¼ male to ¼ NPT female adaptors,		To 0.01% Reading per annum. 2 bar to 210 bar. 0.02% Rdg, 1 bar & 0.03% Rdg, 25 mbar-700 mbar
O.1 mbar of 0.0015 psi per annum. Controller Stability 0.003% FS Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Electrical Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communications Communication RS232, IEEE-488, DPI520 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C (50°F to 122°F) Calibrated 15°C to 45°C (59°F to 113°F) Storage -20°C to 70°C (-4°F to 158°F) Sealing IP30 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stan. 66-31 8.4 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EN61010. Conformity EN61010, EN61326, PED, ROHS & WEEE CE marked. Physical Weight 10.1 kg or 22 lbs Dimensions 440 mm x 2U x 320 mm (17.3 in x 2U x 12.6 in) Pneumatic Connections G % male to % NPT female adaptors,		
Controller Stability Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Electrical Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communications Communication R5232, IEEE-488, DPI520 emulation. Future expandability. Environmental Temperature Operating Calibrated 15°C to 45°C (59°F to 113°F) Storage -20°C to 70°C (-4°F to 158°F) Pumidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stan. 66-31 8.4 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EN61010. Conformity EN61010, EN61326, PED, ROHS & WEEE CE marked. Physical Weight 10.1 kg or 22 lbs Dimensions 440 mm x 2U x 320 mm (17.3 in x 2U x 12.6 in) Pneumatic Connections G % female Optional: G % male to % NPT female adaptors,	Precision	
Gas Consumption All supply gas is delivered to the system. No gas is used in measure mode, or when the instrument is turned off. Electrical Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communications Communication RS232, IEEE-488, DPIS20 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C (50°F to 122°F) Calibrated 15°C to 45°C (59°F tot 113°F) Storage -20°C to 70°C (-4°F to 158°F) Sealing IP30 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stan. 66-31 8.4 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EN61010. Conformity EN61010, EN61326, PED, ROHS & WEEE CE marked. Physical Weight 10.1 kg or 22 lbs Dimensions 440 mm x 2U x 320 mm (17.3 in x 2U x 12.6 in) Pneumatic Connections G % female Optional: G \% male to \% NPT female adaptors,	Controller Stability	
Electrical Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communications Communication RS232, IEEE-488, DPIS20 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C (50°F to 122°F) Calibrated 15°C to 45°C (59°F tot 113°F) Storage -20°C to 70°C (-4°F to 158°F) Sealing IP30 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stan. 66-31 8.4 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EN61010. Conformity EN61010, EN61326, PED, ROHS & WEEE CE marked. Physical Weight 10.1 kg or 22 lbs Dimensions 440 mm x 2U x 320 mm (17.3 in x 2U x 12.6 in) Pneumatic Connections G % female Optional: G % male to % NPT female adaptors, G % male to % NPT female adaptors, G % male to % NPT female adaptors,		*******
Power Supply 90 V AC to 130 V AC @ 47 to 63 Hz & 180 V AC to 260 V AC @ 47 to 63 Hz. Communications Communication RS232, IEEE-488, DPI520 emulation. Future expandability. Environmental Temperature Operating 10°C to 50°C (50°F to 122°F) Calibrated 15°C to 45°C (59°F tot 113°F) Storage -20°C to 70°C (-4°F to 158°F) Sealing IP30 Humidity 5% RH to 95% RH non-condensing. Vibration Compliant with Def. Stan. 66-31 8.4 Cat 3 and MIL-T-28800E Cat 2. Shock Mechanical shock conforms to EN61010. Conformity EN61010, EN61326, PED, ROHS & WEEE CE marked. Physical Weight 10.1 kg or 22 lbs Dimensions 440 mm x 2U x 320 mm (17.3 in x 2U x 12.6 in) Pneumatic Connections G ¼ female Optional: G ¼ male to ¼ NPT female adaptors, G ½ female Optional: G ½ male to ¼ NPT female adaptors, G ½ female adaptors,		
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G 1/4 male to 1/4 NPT female adaptors,	FREUMATIC COMPECTIONS	
G ¼ male to G ¼ female.		G 1/2 male to 1/4 NPT female adaptors,
		G 1/4 male to G 1/4 female.



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