

Electronic Product Reference Guide

FEATURES AND PRODUCTS	ACCURACY				RANGES			OUTPUT SIGNALS				ENCLOSURE RATINGS	APPROVALS		
	0.05% and better	0.1% to 0.25%	0.50%	1.0% and above	Pressure Range (consult for other units)	Gauge	Absolute	Differential	4-20mA	Voltage (0-5, 0-6, 0-10, 1-5, 1-6, 2.5, 5, 0.5-4.5 Ratio-metric)	mV/V (2, 3, 10, 20)	Switch Output	Ingress Protection/NEMA	RoHS	Hazardous Rating
A2 A2X A4	●	●	●		Vac to 10,000 psi	●	●		●	● ⁽⁵⁾			IP-65/67 (4, 6, 7, 9)		●
K1 K2 K8		●	●		Vac to 20,000 psi	●			●	○	● ⁽⁶⁾		1, 4X		● ⁽⁷⁾
DM61									● ⁽¹⁰⁾	● ⁽¹⁰⁾	● ⁽¹⁰⁾		IP-65 (4X) ⁽¹¹⁾		●
KM15		●	●		Vac to 7500 psi	●				○			IP-67		●
T2	●		● ⁽³⁾		Vac/30 to 20,000 psi	●			●	●			IP-65 (4X)		
G2	●		● ⁽³⁾		Vac/30 to 20,000 psi	●			●	●	●		IP-65/67 (4X)		
H2	●				Vac/30 to 20,000 psi	●	●		●	○			IP-65/67		●
GC30 GC31			●		0.25 to 25iw Vac to 1500 psi	●			●	●	●		IP-40		●
GC35			●		Vac to 7500 psi	●			●		●		IP-65/67		●
GC51 GC52	●	●			Vac to 7500 psi 0 to 400 iw	●			●	●			IP-65 (4X)		
GC55		●			75 psi to 300	●			●	○	●		IP-66		
KS / KX			●		Vac/30 to 1000 psi 100 psi to 5000 psi ⁽⁸⁾	●			●	○	● ⁽⁹⁾		1, 4X		
CXLdp		● ⁽²⁾	●		0.1 to 25iw	●			●	○			1		●
DXLdp		●	●		0.05 to 50iw	●			●	○			1		
IXLdp		●	●		0.05 to 200iw	●			●	●	●		4X		●
RXLdp			●		0.1 to 50iw	●			●	●	●		1		
XLdp		●	●		0.05 to 50iw	●			●	○			2		
DG25		○	●		Vac to 25,000 psi	●							IP-67		●
2084 2086 2089		● ⁽¹⁾	●		Vac 5 psi to 7000 psi	●	●						IP-65 (4)		●
2074 2174 2274		●			Vac/15 psi to 20,000 psi	●			● ⁽⁴⁾		●		IP-65		●
2032 2036 2132 2136 2232 2236		●			15 psi to 1000 psi	●			● ⁽⁴⁾		●		IP-65		●

A2 Pressure Transmitter: Heavy industrial pressure transmitter used on test stands, compressor control, hydraulic systems, process automation, pump and pneumatic systems control.

A2X Pressure Transmitter: cUL and ATEX listed explosion proof/flame proof pressure transmitter used with oil field equipment, upstream oil and gas production, natural gas compression and transfer control as well as alternative energy projects.

A4 Pressure Transmitter: CSA and FM listed; Intrinsically Safe and Non-Incendive pressure transmitters used in oil field equipment, upstream oil and gas production, natural gas compression and transfer control as well as alternative energy projects.

K1 Pressure Transducer: Industrial pressure transducer with optional intrinsically safe/non-incendive approvals. Used on hydraulic system monitoring and control, HVAC/refrigeration, machine tool, pump control and general purpose.

K2 Pressure Transducer: Industrial pressure transducer with conditioned millivolt output that is used for hydraulic system monitoring and control, test and measurement and general purpose industrial process applications.

K8 Pressure Sensor/Transducer: Transducer with unconditioned output; it is used for OEM hydraulic systems and control valves as well as pump control and medical.

DM61 Digital Panel Meter: compressor control, hydraulic system monitoring and control, pump control, pneumatics, presses and general industrial applications compressor control, hydraulic system monitoring and control, pump control, pneumatics, presses and general industrial applications.

KM15 Pressure Transducer: Rugged, compact pressure transducers for the high volume OEM; the KM15 is also RoHS Compliant. It is used for off-road equipment, mobile hydraulic systems, construction machinery, HVAC/R, compressors and pump control.

T2 Pressure Transmitter: High performance for general industrial applications such as process automation, compressor control, hydraulic system monitoring and control, pump control, pneumatics, presses and general industrial applications.

G2 Pressure Transducer: High performance for tough OEM applications. Used on off-road equipment, construction machinery, compressor control, HVAC and refrigeration, agricultural implements, process automation and control, hydraulic and pneumatic sensing and pressure monitoring.

H2 Pressure Transducer: The Ashcroft H2 precision pressure transducer is ideal for measuring and controlling challenging hydraulic and pneumatic applications. The high-accuracy and performance, combined with rugged construction, provides a highly reliable and safe sensor platform.

GC30 3-in-1 Differential Pressure Transducer: Ultra-compact differential pressure sensor with 3-in-1 digital pressure gauge, transducer and switch capabilities. Applications include filter monitoring, clean room pressure differential, combustion intake flow, fan speed control airflow, alarm & control and digital gauge.

GC31 3-in-1 Pressure Transducer: Ultra-compact pressure sensor with 3-in-1 digital pressure gauge, transducer and switch capabilities. Hydraulic presses, stamping equipment, lifts, tire press vulcanization, pressure monitoring, water/refrigerant/ammonia based cooling systems, pressure monitoring on lubrication systems, and alarm & control are some of the applications.

GC35 3-in-1 Pressure Transducer: Heavy duty pressure sensor with 3-in-1 digital pressure gauge, transducer and switch capabilities. Typical applications include hydraulic presses/stamping equipment/lifts, water/wastewater pressure control, pressure monitoring, water/refrigerant or ammonia based cooling systems, and pressure monitoring on lubrication systems.

GC51 Pressure Transmitter: Industrial rangeable pressure transmitter with integral digital display. It is used for general industrial use for pump control, hydraulic systems, compressor control, process automation and municipal water tank level.

GC52 Pressure Transmitter: Rangeable wet/wet differential pressure transmitter with integral digital display. They are used for pressurized and non-pressurized tank levels, flow measurement (liquid or gas) and fume hoods.

GC55 Differential Pressure: Transducer is a wet/wet differential pressure transducer with integral digital display, user rangeable with (2) adjustable switch points. Applications include pump monitoring of building hydronic heating and cooling systems, filter monitoring in water purification and hydraulic systems, and level measurement for large and/or pressurized tanks.

KS Sanitary Pressure Transmitter: Sanitary product for use with dairy, food, pharmaceutical and 3A sanitary applications.

KX Pressure Transmitter: Flush mount pressure transmitter used in the pulp and paper, paint booths, food processing, printing presses and agricultural spraying applications.

CXLdp Pressure Transmitter: HVAC, comfort control, differential pressure transmitter for static or velocity pressure measurement for ducts, building pressure, filter efficiency, VAV boxes and room pressurization.

DXLdp Pressure Transmitter: High performance low differential pressure transmitter for pharmaceutical, critical room/environmental control use. Features include SpoolCal™ option for easy in-place calibration/validation. Applications include bio-pharm, bio-tech, room pressurization and control, velocity pressures and applications requiring high stability measurements.

IXLdp Pressure Transmitter: Industrial rugged type low differential pressure transmitter, NEMA 4X housing and an optional intrinsically safe approval. Applications include HVAC – critical environment control, fume hood control, lab/clean room pressurization, laminar flow, furnace/stack draft, leak detection, pollution monitoring, fan tracking, filter monitoring and velocity measurements.

RXLdp Pressure Transmitter: Low differential pressure transmitter with user and OEM packaging options. Applications include HVAC, medical – lung function/ breathing equipment, fume hood control, lab/clean room pressurization, laminar flow, leak detection, fan tracking, as well as glovebox and velocity measurements.

XLdp Pressure Transmitter: Low differential pressure transmitter for critical environments. HVAC, fume hood control, lab/clean/hospital room pressurization, medical-lung function/breathing equipment, fan tracking, filter monitoring and low velocity measurements are among its applications.

DG25-General Purpose Digital Gauge: This model is an excellent choice for a wide variety of pressure measurement applications. Offers 5-digit LCD display with bar graph display. Versatile and enhanced value when compared to mechanical gauges.

2089, 2086, 2084-Precision Digital Test Gauge: Offers total error band accuracy including temperature from 0 to 150°F (-18 to 63°C). Applications include metrology labs, gas distribution and transmission and analog test gauge users.

2074, 2174, 2274-Industrial Digital Gauge: Available with optional (1) or (2) SPDT switches and 4-20mA output, this gauge is ideal for many industrial applications. This product eliminates the need for unnecessary piping, switches and transducers.

2030-Digital Sanitary Gauge: Sanitary pharmaceutical, biotech or food applications requiring Tri-Clover type fittings and highly polished stainless steel surfaces.

NOTES: (1) 0.05% – 2089 only, (2) 0.4% and 0.8%, (3) Includes temperature error, (4) 2274 / 2232 / 2236 w/XAO, (5) A2 / A2X, (6) K2 / K8, (7) K1, (8) KX only: 100psi to 5000psi, (9) KS only: mV/V, (10) Input signal, (11) Front panel