

Transducers & Transmitters

KX/KS SERIES SANITARY TRANSDUCERS



ACCURACY: $\pm 1.0\%$ Span

OUTPUT:

KS: 4-20mA, 1-5Vdc, 1-6Vdc; 2, 3, 10, 20 mV/V ratiometric
KX: 4-20mA, 1-5Vdc, 1-6Vdc

STANDARD RANGES:

Pressure Ranges (F.S.):

KS: 30 to 1000 psig, compound to 100 psig

Kx: 100 to 5000 psig

Overpressure (F.S.):

≤ 2000 psig

3000 to 5000 psig

Proof 2 x F.S.

Burst 8 x F.S.

1.5 x F.S.

ENVIRONMENTAL RATING: NEMA 4X

For use in sanitary, waste-water, food processing and pharmaceutical applications. The KS Series features a 316L stainless steel electropolished Tri-Clamp style diaphragm while the KX Series features several options designed for harsh applications – flush mounted diaphragm, PMC adapter or weldnuts. The polysilicon thin film pressure sensing element offers proven performance and stability.

MODEL GC30 ULTRA-COMPACT DIFFERENTIAL PRESSURE SENSOR



ACCURACY: $\pm 1.5\%$ F.S.

ANALOG OUTPUT: (1-5Vdc)

DISPLAY TYPE: 3½ digit, 10mm LED

STANDARD RANGES (Gauge):

0.25" I.W.C. to 25" I.W.C.

STANDARD RANGES (Compound):

± 0.25 " I.W.C. to ± 25 " I.W.C.

MEDIA: Clean, dry air/gases compatible with Aluminum, ABS, Ceramic, Silicon, and Silicone RTV

SWITCH CONTACTS:

(2) NPN or PNP open collector outputs

ENVIRONMENTAL RATING: IP40

AGENCY APPROVALS: CE



LOOK FOR THIS MARK
ON OUR PRODUCT

Ultra-compact pressure sensor is exceptional when monitoring differential pressures in clean rooms, filters, fan speed control and vacuum/suction pressure sensing & control. Consistent, reliable pressure measurement is provided due to the highly reliable SiGlas™ Sensor. The GC30 offers an analog output with two independent, user configurable switches.

TYPE GC52 RANGEABLE WET/WET DIFFERENTIAL PRESSURE TRANSMITTER



ACCURACY: $\pm 0.50\%$ F.S. (URL)

OUTPUT SIGNAL: 4-20mA (2 Wire)

DISPLAY TYPE: 4 digit, 10mm LCD with LED backlight

STANDARD RANGES

(Bi-Directional, Inches W.C.):

± 4 to ± 200 i.w.c.

STANDARD RANGES

(Uni-Directional, Inches W.C.):

0 to 4 thru 400 i.w.c.

STANDARD RANGES

Static (Line) Pressure:

Pressure Range	Proof	Burst
All	300 psi	1000 psi

Static (Line) Pressure Effects:

Pressure Range	Effect
≥ 20 " W.C., ± 8 " W.C.	$\pm 0.3\%$ FS/100psi
8" W.C., ± 4 " W.C.	$\pm 0.7\%$ FS/100psi
4" W.C.	$\pm 1.5\%$ FS/100psi

Single Side (Differential) Limits:

Pressure Range	Proof	Burst
≤ 8 " W.C., ± 4 " W.C.	30 psid	130 psid
≥ 20 " W.C., ± 8 " W.C.	100 psid	130 psid

MEDIA: Fluids and gases compatible with 316SS, Viton and Coramic

ENVIRONMENTAL RATING:

IP65 / NEMA 4X

AGENCY APPROVALS: CE



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Uniquely compact wet/wet differential pressure transmitter, ideal for flow and tank level applications where reliable, low dP measurements are required. This instrument can be adjusted to rearrange the transmitter and offers flow measurement/square root extraction where the flow rate can be displayed and analog signal can be output. Equipped with the patented SiGlas™ 316 Stainless Steel isolated sensor, it can monitor a wide variety of wet or dry media.

CXLdp SERIES DIN/PANEL/WALL MOUNT



ACCURACY: 0.8% or 0.4% span

OUTPUT SIGNAL:

4-20mA, (12-36Vdc),
0-5, 0-010Vdc (24Vac/Vdc)

PRESSURE RANGES (Inches W.C.)

Unidirectional: 0.10 to 0/25 I.W.C.

Bidirectional: ± 0.10 to ± 15 I.W.C.

Overpressure

Proof Pressure: 15 psi

Burst Pressure: 25 psi

ENVIRONMENTAL RATING: NEMA 1

MOUNTING: DIN rail or panel mount

MEDIA: Clean, dry and non-corrosive gas

ENVIRONMENTAL RATING: NEMA 1

AGENCY APPROVALS: CE



LOOK FOR THIS MARK
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Static or velocity pressure measurement for flow stations, ducts, building pressure, filter efficiency, van boxes or room pressurization.

Transducers & Transmitters

DXLdp SERIES DIN MOUNT	RXLdp SERIES REDUCED SIZE	XLdp SERIES HIGH PERFORMANCE	IXLdp SERIES INDUSTRIAL
			
ACCURACY: 0.25%, 0.50% or 1.00% span	ACCURACY: 1.00% span	ACCURACY: 0.25% or 0.50% span	ACCURACY: 0.25% or 0.50% span
OUTPUT SIGNAL: 4-20mA, 1-5Vdc, 1-6Vdc, 0-5Vdc, 0-10Vdc	OUTPUT SIGNAL: 4-20mA, 1-5Vdc, 1-6Vdc, 0-5Vdc, 0-10Vdc	OUTPUT SIGNAL: 4-20mA, 1-5Vdc, 1-6Vdc	OUTPUT SIGNAL: 4-20mA, 1-5Vdc, 1-6Vdc, ± 5 Vdc, ± 2.5 Vdc
PRESSURE RANGES (Inches W.C.): Unidirectional: 0.10 to 50 I.W.C. Bidirectional: ± 0.05 to ± 25 I.W.C. Overpressure Proof Pressure: 15 psi Burst Pressure: 25 psi Max. static (line) pressure: 25 psi	PRESSURE RANGES (Inches W.C.): Unidirectional: 0.10 to 50 I.W.C. Bidirectional: ± 0.05 to ± 25 I.W.C. Overpressure Proof Pressure: 15 psi Burst Pressure: 25 psi Max. static (line) pressure: 25 psi	PRESSURE RANGES (Inches W.C.): Unidirectional: 0.10 to 50 I.W.C. Bidirectional: ± 0.05 to ± 25 I.W.C. Overpressure Proof Pressure: 15 psi Burst Pressure: 25 psi Max. static (line) pressure: 25 psi	PRESSURE RANGES (Inches W.C.): Unidirectional: 0.10 to 200 I.W.C. Bidirectional: ± 0.05 to ± 100 I.W.C. Overpressure Proof Pressure: 20 psi Burst Pressure: 50 psi Max. static (line) pressure: 100 psi
MOUNTING: DIN rail mount: EN50022 EN50035 EN50045	MEDIA Clean, dry and non-corrosive gas (consult factory for use on other media)	MEDIA Clean, dry and non-corrosive gas (consult factory for use on other media)	MEDIA Clean, dry and non-corrosive gas (consult factory for use on other media)
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NOT FOR USE ON LIQUIDS	NOT FOR USE ON LIQUIDS	NOT FOR USE ON LIQUIDS	NOT FOR USE ON LIQUIDS
ENVIRONMENTAL RATING: NEMA 1	ENVIRONMENTAL RATING: NEMA 1	ENVIRONMENTAL RATING: NEMA 2	ENVIRONMENTAL RATING: NEMA 4X
AGENCY APPROVALS: CE	AGENCY APPROVALS: CE	AGENCY APPROVALS: CE	AGENCY APPROVALS: FM
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Designed for ease of installation and system calibration, the DXLdp is ideal for pharmaceutical plants and other installations where large numbers of air flow and dp measurements are being monitored.	A compact transmitter for comfort control and other HVAC applications.	High performance dp transmitter with proven reliability and stability. Excellent for air handling applications including fume hood control and room pressurization.	A rugged low pressure transmitter in cast 300 series stainless steel enclosure. A good choice for dp monitoring in pollution control, combustion control, and other applications where precision sensing is needed in a tough environment.