

Transducers & Transmitters

TYPE G2 OEM PRESSURE TRANSDUCER


ACCURACY:

±1% Span: through -20/85°C (-4/185°F)
±1.5% Span: through -40/-20°C and
(-40/-4°F) and 85/125°C (185/257°F).

OUTPUT: 4-20mA, 0-5Vdc, 0-10Vdc,
1-5Vdc, 1-6Vdc, 0.5-4.5Vdc (ratiometric)

ENVIRONMENTAL RATING:
NEMA 4X, IP65 and IP67

STANDARD RANGES:

Pressure Ranges (F.S.): 30 to 20,000 psig,
compound to 300 psig
Overpressure: (Varies w/pressure range)
Proof: up to 3 x F.S.
Burst: up to 10 x F.S.

AGENCY APPROVALS: CE



A robust pressure transducer designed for OEM applications featuring Ashcroft's proven polysilicon thin film pressure sensing element. Product features include voltage and current outputs, a variety of pressure ports and electrical terminations to international standards with excellent accuracy and performance over -40 to 125°C, (-40 to 257°F).

KM15 HIGH VOLUME OEM PRESSURE TRANSDUCER


ACCURACY:

±0.5% Span, 100 psig and above
±1.0% Span, 75 psig and below

OUTPUT: 1-5Vdc, 1-6Vdc,
0.5-4.5Vdc (ratiometric)

ENVIRONMENTAL RATING: IP67

STANDARD RANGES:

Pressure Ranges (F.S.): 15 to 7500 psig/s,
compound to 300 psig
Overpressure (F.S.): **Proof Burst**
≤ 3000 psig 2 x F.S. 5 x F.S.
5000 psig 1.5 x F.S. 5 x F.S.
7500 tpsig 1.2 x F.S. 5 x F.S.

AGENCY APPROVALS: CE



An economical transducer designed for the high volume OEM. Product features include voltage outputs, a variety of pressure ports and electrical terminations to international standards with excellent accuracy and performance over -30 to 120°C (-25 to 250°F). IP67 ingress rating and 100V/m EMC immunity.

K1/K2 SERIES INDUSTRIAL TRANSDUCER



ACCURACY: ±0.5%, ±1.0% span

OUTPUT:

K1: 4-20mA, 1.5Vdc, 1-6Vdc, 1-11Vdc
K2: 2, 3, 10, 20 mV/V

ENVIRONMENTAL RATING:
NEMA 1, NEMA 4X

STANDARD RANGES:

Pressure Ranges (F.S.): 15 to 20,000 psig,
compound to 60 psig
Overpressure (F.S.): **Proof Burst**
≤ 2000 psig 2 x F.S. 8 x F.S.
3000 to 5000 psig 1.5 x F.S. 3 x F.S.
7500 to 20,000 psig 1.2 x F.S. 1.5 x F.S.

AGENCY APPROVALS:
Intrinsically Safe – FM (consult factory)



A versatile and proven industrial transducer with an extensive installed base. Wide range of pressure fittings and electrical terminations along with FM hazardous area approvals.

K8 SERIES TRANSDUCER w/mV SIGNAL



ACCURACY: ±0.5%, ±1.0% span

OUTPUT: Varies from 6-18 mV/V at F.S.
ratiometric

STANDARD RANGES:

Pressure Ranges (F.S.): 45 to 20,000 psig
Overpressure (F.S.): **Proof Burst**
≤ 2000 psig 2 x F.S. 2 x F.S.
3000 to 5000 psig 1.5 x F.S. 3 x F.S.
7500 to 20,000 psig 1.2 x F.S. 1.5 x F.S.

ENVIRONMENTAL RATING: NEMA 4X

A pressure transducer for applications that can incorporate an unconditioned mV/V output and require the proven benefits of the polysilicon thin film pressure sensing element. A broad range of pressure fittings allow the user design flexibility in packaging.