The Econoline pressure transmitter is built for ‘next-level’ performance at an optimum price point. It combines a proven media-isolated, piezoresistive silicon sensor with contemporary signal conditioning electronics to provide a compact pressure transmitter with class-leading Total Error Band accuracy. In addition, the Econoline provides outstanding performance under harsh environmental conditions, including those with high levels of electromagnetic radiation, both conducted and radiated.

The Econoline provides trouble-free service and sufficient accuracy for almost any application, including those involving aggressive media and/or high levels of electromagnetic interference and where small size, low weight, and reasonable cost are required.

The modular design of the Econoline provides maximum versatility for customer specific applications and is produced using modern lean manufacturing methods, allowing short lead times thus negating the need for the user to maintain extra inventory on-site.

For more information on the Econoline, or any other KELLER product, please contact Keller America, or visit kelleramerica.com.

**FEATURES**

- NSF/ANSI 61 and 372 certified construction for use in drinking water applications
- < ±1% Total Error Band (TEB) accuracy over 0…50°C for optimum performance in real-world conditions
- 316L Stainless Steel wetted materials for compatibility with aggressive media
- Full scale ranges from 30 to 10,000 PSI
- 2-year warranty covers defects in materials and workmanship
- Industry standard 2-wire, 4-20mA output simplifies interface to controls, data collection, and telemetry systems
- Built in the U.S.A. ARRA Section 1605 Compliant
Pressure Ranges:

- Relative (PR) 0...30, 50, 100, 150, 200, & 300 PSIG
- Absolute (PAA) 0...30, 50, & 100 PSIA
- Sealed (PA) 0...500, 1000, 2000, 3000, 5000, & 10000 PSIS

Proof Pressure:

- 2X for ranges up to 5k PSI
- 1.5X for 10k PSI

Accuracy:

- Static ±0.25% FS Typical
- ±0.5% FS Max.
- Total Error Band (TEB) ±1.0% FS Max.

Electrical:

- Supply 8...32 VDC
- Load Resistance (mA) <(Supply-8V)/0.025A
- Load Resistance (VDC) >5k ohm

Certifications:

- CE (EMC) EN61000-6-3, EN61000-6-2, EN61326-2-3
- Shock 20g (11ms) half-sine, any axis
- Vibration 20g (5-2KHz, max. amp ±3mm per IEC68-2-6)
- NSF/ANSI 61, 372

Connection:

- Process 1/4"-18NPT Male
- Electrical Optional mPm393
- Optional M12
- Optional 10 ft. PVC Cable
- Optional 10 ft. PUR Cable

Output:

- Standard 4...20mA

Wiring Information:

- +Vcc Supply Pin 3
- Output / Ground Pin 1
- mPm-393 Pin 1
- M12 Pin 3
- Vented Cable Black
- Non-vented Cable Brown or Black

Environmental:

- Protection Rating PR: IP54, PA and PAA: IP67
- M12 PR: IP54, PA and PAA: IP67
- Cable PR: IP54 or IP67, PA and PAA: IP67
- Operating Temp. -40...100°C
- Compensated Temp. 0...50°C
- Wetted Materials 316 L Stainless Steel