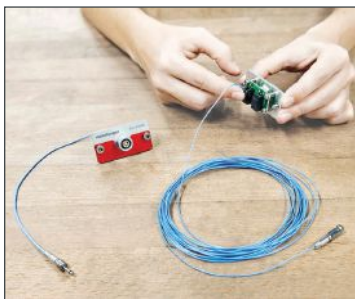


## Piezoelectric Pressure Sensor Variants Improve Process Quality

In addition to its existing range of cavity pressure sensors for plastic injection molding process monitoring, **Meusburger** now offers two charge transfer versions, the single wire E 6760 and the E 6757 mini coaxial cables, as well as matching multi-channel connectors for optimal process quality and increased part sustainability.

With a cable wire diameter of 1.2 mm, the single wire cable is ideal for molds with limited space. The wire can be routed flexibly with minimal bending radii, but may kink if not careful. Available in lengths of 2,000 and 5,000 mm, the single wire variant allows for shortening if required. Installation is effortless as a result of the insulation displacement connector on the multi-channel connector.

The E 6757 coaxial cable is characterized by optimal shielding against external signals due to its steel sheath, making it ideal for molds with a high number of electrical components such as hot runner components or monitoring equipment, or if the cable is routed outside of the mold. With a cable diameter of 1.9 mm, the coaxial wire is less flexible, but less prone to kinking,



and is available in consecutive lengths from 200 to 1,000 mm. With Meusburger's mini coaxial version, several sensor signals can be combined on one multi-channel connector.

The company's offering of matching E 6763 multi-channel connectors, enables high process reliability during mold changes via a mold recogni-

tion chip integrated on the circuit board, and easy sensor data identification. Meusburger says the signals from 4 to 8 cavity pressure sensors can be combined with minimum cabling effort. Depending on the version, the multi-channel connectors also have insulation displacement contacts for the single wire cable (version S) and mini coax female connectors for the mini coaxial cable (version C).

**Meusburger US Inc. / 704-526-0330 / meusburger.us**

## Valve Gate Nozzle Offers Exceptional Wear Resistance

Adding to **Husky Injection Molding Systems'** Ultra Helix Valve Gate nozzle lineup, the Ultra Helix 250 T2's advanced design minimizes wear, provides high gate quality and longevity and was specifically developed to extend the benefits of the Ultra Helix technology to jobs for small part weights and difficult-to-access gate locations.

The Ultra Helix 250 T2 has a 12-mm nozzle bore for direct gating in locations that are said to be not typically achievable with larger nozzles, and pitch spacing down to 15 mm for high cavitation density and a small mold footprint.

Extended maintenance PX actuation is another added feature, designed for applications with leakage-prone resins such as TPE and PE. The addition of a stem seal paired with

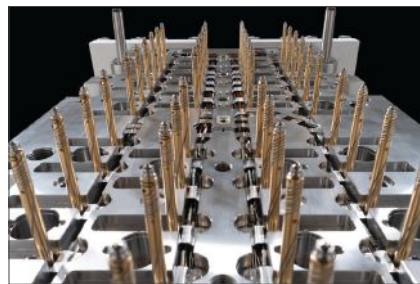
enhanced thermal management heater technology improves performance and is said to significantly optimize maintenance requirements, lowering risk and ownership costs.

Husky offers three actuation options for the Ultra Helix 250 T2. The Individual Pneumatic option, for example, offers pitch spacing down to 25.4 mm, providing easy access for maintenance with the ability to individually access valve stems without removing the backing plate. According to the company, both the plate actuated UltraSync-P or servo driven UltraSync-E options can achieve 15-mm pitch spacing.

Since the Ultra Helix 250 T2's launch, Husky adds, the product has been applied to make high-quality precision parts from medical barrier closures and flow regulation valves to personal care products, food and beverage packaging, flip top closures and multi-material parts with limited gate access.

Part weights produced are said to range from less than 0.1 g to more than 4 g and are being made from resins that are prone to leakage including PP, HDPE, LDPE, TPE and TPV, in both single injection and multi-material applications.

**Husky Injection Molding Systems / 905-951-5000 / husky.co**



## Expanded CounterView Product Line Offers Exclusive Mold Monitoring Accessories

Contending that it carries the world's widest range of mold counting and monitoring products, **Progressive Components** has recently expanded the line to include CounterViews, along with new accessories.

As an industry exclusive, the CounterView cycle counter is now available in both left- and right-hand orientations to allow mounting on either mold half, enabling easy viewing while the mold is in the press.

Progressive has also added a High Temp CounterView, which offers the same functionality as the standard cycle counter, while performing in higher temperature tools operating at a maximum of 375°F (190°C).

For added heat protection, Progressive has introduced the Retrofit Bracket, which insulates its Cve Monitor or CounterView in high-heat applications. With a maximum operating temperature of 410°F (210°C), the bracket installs within an existing pocket without modification to the mold's cavity or core half.

CAD geometry for Progressive's line of cycle counting products is available via the CADalog, a free parts library with downloads offered in multiple formats including SolidWorks, NX, VISI, STEP, Parasolid, ACIS and IGES.

**Progressive Components / 800-269-6653 / procomps.com**

