



Melt Pressure Transducers

The Standard the Plastics Industry Demands



MADE IN THE USA

For 40 years, Gefran has been designing and manufacturing melt pressure sensors for major international brands. Gefran sensors are proudly made in Massachusetts, following strict quality standards to ensure reliable performance in industrial applications.



FAST DELIVERY

Downtime in the plastics industry is costly. That's why Gefran ensures fast and reliable delivery in as little as 4 weeks, helping you keep your operation running smoothly and plan your production with confidence.



BUILT FOR EXTREME CONDITIONS

Gefran sensors are engineered to withstand the toughest industrial environments. Gefran offers 2 advanced technologies:

- o **Fluid-filled Sensors** (Hg, Oil, NaK) with a thick film sensing element on steel
- o **Fluid-free sensors** with a piezoresistive sensing element



CUTTING-EDGE TECHNICAL FEATURES

- Accurate pressure and temperature measurement up to 1000 F
- Wide pressure range from 0-250 PSI to 0-30,000 PSI
- Multiple electrical output options, including mV/V, 4-20 mA, 0-10V, CANOpen, and IO-Link
- High immunity to electromagnetic interference for precise performance in demanding environments
- Certified to meet industrial safety standards, including EX, Performance Level d, and SIL 2



VERSATILE SENSOR DESIGNS

- **Rigid stem** for robust applications
- **Flexible sheath** for adaptability
- **Flexible with thermocouple** for integrated temperature measurement
- **Exposed capillary** for specialized applications

Local Support & Expert Assistance

We take pride in our U.S. based customer support, providing fast response times, expert technical assistance, and localized service. Upgrade to our high-temperature melt pressure sensors for precision, durability, and efficiency - right here in the USA.