

The Gems Sensors **3100 Series Pressure Transducers** deliver reliable, field-proven pressure monitoring for CDU liquid cooling systems, ensuring stable pump control and consistent loop performance. Built with an all-welded stainless-steel housing, the 3100 Series is ideal for water-glycol and specialty cooling fluids used in closed-loop architectures.

Its compact footprint and broad selection of pressure ranges, electrical outputs, and process connections make integration simple, even in space-constrained manifolds and piping layouts. When installed in series, paired sensors can monitor differential pressure across filters or heat exchangers, providing enhanced system visibility and dependable long-term performance.

Process Connection Threads

- ✓ 1/8-27 NPT Ext.
- ✓ 1/4-18 NPT Ext.
- ✓ 1/4 NPTF Dryseal Ext.
- ✓ 1/8 NPTF Dryseal Ext.
- ✓ 7/16-20 Ext. (SAE #4, J514) with 37° Flare
- ✓ 7/16-20 Ext. (SAE #4, J1926-2) with O-Ring
- ✓ 1/4 -SAE Female 7/16 UNF
- ✓ 1P SAE6 (9/16-18 UNF 2A)
- ✓ G 1/4 Ext.
- ✓ G 1/4 Ext. Face Seal
- ✓ M12 x 1.5 (<1000 bar, <15,000 PSI)
- ✓ M12 x 1.5 6g (≥1000 bar, ≥15,000 PSI)
- ✓ M14 x 1.5 Straight
- ✓ Female 1/4-18 NPT

Electrical Connections

- ✓ Industrial DIN 9.4 mm
- ✓ M12 x 1P (4-Pin)
- ✓ Large DIN
- ✓ Industrial DIN 9.4 mm (Alternate Pin Out)
- ✓ Flying Leads 12" (300 mm)
- ✓ Deutsch® DT04-3P
- ✓ AMP Superseal 1.5 Series®
- ✓ Deutsch® DT04-4P
- ✓ Packard MetriPack

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