

Refrigeration



Accurate Pressure Control

- Suction/discharge pressure measurements
- Electric expansion valve control
- Subcooling and superheat calculations
- Compressor oil pressure monitoring
- Compressor staging and unloading



Model 3100
Refrigeration Pressure

Challenges:	Model 3100 Solutions:
Moisture causes failures in hot & cold cycles	For harsh environments: all stainless steel, no oil fill, no internal o-rings
Hard to find new suppliers for a custom sensor	Customer design solutions to match any design: easy field replacements
Sensor durability	Rugged strain gauge technology
Controlling costs	Save \$300-\$500 on each service call with a more reliable sensor
Quick & clean installation of the sensor	Schraeder Deflator standard option
Occasional overvoltage field failures	Overvoltage and short circuit protected

Low Pressure Measurement

- Pipe pressure monitoring
- Active tank level measurement
- Compressor oil pressure monitoring



Model 209
Low Pressure Sensor

Challenges:	Model 209 Solutions:
Very low pressure measurements	Low pressure ranges (down to 0-1 PSI) and compound ranges available
Affordable performance	$\pm 0.25\%$ FS Accuracy at OEM pricing
Customizable	Designed as a drop-in replacement and can be customized with your logo
Capability and reliability	All stainless steel, no oil fill, no internal o-rings required



Model SRH
Dew Point Measurements



Model CSC
Current Switch



Model CTC
Current Transducer