

Introducing SensoNODE™ Silver Sensors Working with Voice of the Machine Cloud™ Interface

Providing Continuous Condition Monitoring Where Gateways are Impossible or Inconvenient

Parker's new SensoNODE Silver wireless sensors utilize cellular technology to send data directly to the Voice of the Machine Cloud Interface. This means no gateway is required.

SensoNODE Silver Sensors are best for applications when infrequent measurements are needed to monitor equipment or machines. The sensors are IP65 rated.

The first sensor being introduced is the SensoNODE Silver Pressure Sensor.

Voice of the Machine Cloud™ Interface

Parker's Voice of the Machine Cloud Interface provides flexible organizational structure. Easy enough to visualize a single sensor. Robust enough to present unlimited customers, locations, assets, sensors, and signals in an easily digestible format. Voice of the Machine Cloud offers customizable dashboards, email and SMS alerts, historical graphing, kiosk display mode, live measurements, and templating capabilities.










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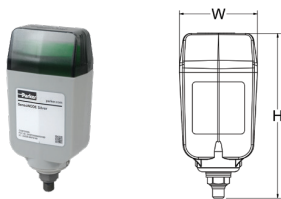
Sensor Technical Data

| | | | | | | | |
|--|---|---|---|---|--|---|---|
| |  |  |  |  |  |  |  |
| Housing Material | Polycarbonate | Polycarbonate | Polycarbonate | Polycarbonate | Polycarbonate | Polycarbonate | Polycarbonate |
| Port | 1/4" Male NPT | 1/4" Male NPT | 1/4" Male NPT | -4 SAE | -4 SAE | -4 SAE | -4 SAE |
| Wetted Parts Material | 17-4 Stainless | 17-4 Stainless | 17-4 Stainless | 17-4 Stainless and Nitrile | 17-4 Stainless and Nitrile | 17-4 Stainless and Nitrile | 17-4 Stainless and Nitrile |
| Measurement Range (pressure) | -14.5 to 14.5 psi [-1 to 1 bar] | 0-150 psi [10 bar] | 0-232 psi [16 bar] | 0-1500 psi [100 bar] | 0-3625 psi [250 bar] | 0-5800 psi [400 bar] | 0-8700 psi [600 bar] |
| Max. Overload Pressure | 29 psi | 225 psi | 350 psi | 2250 psi | 5440 psi | 8700 psi | 13,050 psi |
| Burst Pressure | 3x | 4x | 4x | 4x | 4x | 4x | 4x |
| Accuracy [at 77°F/ 25°C] | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% | 1.5% |
| Resolution | .01 psi | .1 psi | .1 psi | 1 psi | 1 psi | 1 psi | 1 psi |
| Measurement and Broadcast Interval | User Selectable | User Selectable | User Selectable | User Selectable | User Selectable | User Selectable | User Selectable |
| Response Time (min) | 1 sec | 1 sec | 1 sec | 1 sec | 1 sec | 1 sec | 1 sec |
| Ambient Temperature* (battery limited) | -4°F to 158°F [-20°C to 70°C] | -4°F to 158°F [-20°C to 70°C] | -4°F to 158°F [-20°C to 70°C] | -4°F to 158°F [-20°C to 70°C] | -4°F to 158°F [-20°C to 70°C] | -4°F to 158°F [-20°C to 70°C] | -4°F to 158°F [-20°C to 70°C] |
| Fluid Media Temperature Range | -40°F to 185°F [-40°C to 85°C] | -40°F to 185°F [-40°C to 85°C] | -40°F to 185°F [-40°C to 85°C] | -40°F to 185°F [-40°C to 85°C] | -40°F to 185°F [-40°C to 85°C] | -40°F to 185°F [-40°C to 85°C] | -40°F to 185°F [-40°C to 85°C] |
| Full Range Life Cycles | > 1 million | > 1 million | > 1 million | > 1 million | > 1 million | > 1 million | > 1 million |
| Certifications | FCC, IC | FCC, IC | FCC, IC | FCC, IC | FCC, IC | FCC, IC | FCC, IC |
| Battery [Energizer is recommended brand] | AA | AA | AA | AA | AA | AA | AA |
| IP Rating | IP65 | IP65 | IP65 | IP65 | IP65 | IP65 | IP65 |

Note: Consult QCD for other port options, pressure ratings, and port seal materials.

*Ambient temperature range can be broadened by installing Wired Power Adapter (SNWP2-B)

Pressure Sensors



| Part Number | Pressure Rating psi [bar] | Port | Width | Height |
|------------------|---------------------------|---------------|--------------|---------------|
| SNPT4-1-CA-4MP | -14.5 to 14.5 [-1 to 1] | 1/4" Male NPT | 3.00" [76mm] | 6.33" [161mm] |
| SNPT4-10-CA-4MP | 0-150 [10] | 1/4" Male NPT | 3.00" [76mm] | 6.33" [161mm] |
| SNPT4-16-CA-4MP | 0-232 [16] | 1/4" Male NPT | 3.00" [76mm] | 6.33" [161mm] |
| SNPT4-100-CA-4M0 | 0-1500 [100] | -4 SAE | 3.00" [76mm] | 6.33" [161mm] |
| SNPT4-250-CA-4M0 | 0-3625 [250] | -4 SAE | 3.00" [76mm] | 6.33" [161mm] |
| SNPT4-400-CA-4M0 | 0-5800 [400] | -4 SAE | 3.00" [76mm] | 6.33" [161mm] |
| SNPT4-600-CA-4M0 | 0-8700 [600] | -4 SAE | 3.00" [76mm] | 6.33" [161mm] |

Note: Products in catalog are currently only for sale in U.S and Canada.

