

## Four Channel Pressure, Temperature and RH Data Logger

The SmartReader Plus 4 data logger provides easy monitoring and troubleshooting of pneumatic control systems. The unit is completely self-contained with a 1/4" quick-release pressure fitting to allow a fast and trouble-free connection. As an added bonus: SmartReader Plus 4 can also monitor temperature internally, or temperature and RH externally. (RH sensors/probes and thermistor temperature probes sold separately).

### Features

- 12 bit resolution
- 4 channels
- 10-year battery life
- Up to 128 KB memory
- User-configurable
- Accessible remotely by modem
- Network capable
- Up to 25 samples per second

### Product Specifications

No. of Channels: Four. (One for ambient temperature, one for pressure, and 2 for the optional Relative Humidity/Temperature Probe).

Calibrated Accuracy: +/-0.5% of full scale @ 25°C (77°F).

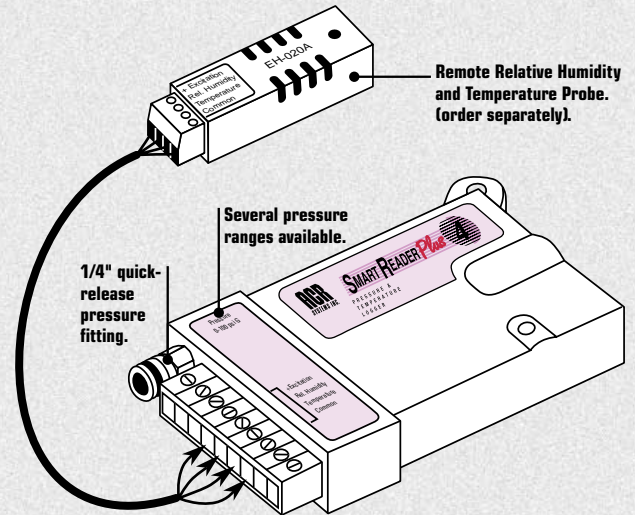
Memory Sizes: 32 KB and 128 KB.

Common Specifications: See page 8.

Software Specifications: See page 9.

Remote & Network Communications: See page 34.

Accessories: ACR EH-020A RH/Temp. Probe.  
ACR ET Series Temp. Probes.  
Any NTC Temp. Probe.



RANGE	RESOLUTION	PRESSURE ACCURACY	THERMAL ACCURACY
+/-10" H <sub>2</sub> O	0.006"	+/-2% FS @ 25°C (77°F)	+/-3% FS 0 to 70°C (32 to 158°F)
0 to 5 psi (30 kPa)	0.003 psi (0.02 kPa)	+/-1% FS @ 25°C (77°F)	+/-1.5% FS 0 to 70°C (32 to 158°F)
0 to 30 psi (200 kPa)	0.015 psi (0.10 kPa)	+/-0.5% FS @ 25°C (77°F)	+/-0.5% FS 0 to 70°C (32 to 158°F)
0 to 100 psi (700 kPa)	0.05 psi (0.34 kPa)	+/-0.5% FS @ 25°C (77°F)	+/-0.5% FS 0 to 70°C (32 to 158°F)

### Order Information

MODEL	PRESSURE RANGE	MEMORY	CATALOG #
SRP-004-010	0-10" H <sub>2</sub> O	32 KB	01-0090
SRP-004-010-128K	0-10" H <sub>2</sub> O	128 KB	01-0120
SRP-004-5G	0-5 PSI-G	32 KB	01-0091
SRP-004-5G-128K	0-5 PSI-G	128 KB	01-0115
SRP-004-30G	0-30 PSI-G	32 KB	01-0093
SRP-004-30G-128K	0-30 PSI-G	128 KB	01-0117
SRP-004-30A	0-30 PSI-A	32 KB	01-0092
SRP-004-30A-128K	0-30 PSI-A	128 KB	01-0116
SRP-004-100G	0-100 PSI-G	32 KB	01-0095
SRP-004-100G-128K	0-100 PSI-G	128 KB	01-0119
SRP-004-100A	0-100 PSI-A	32 KB	01-0094
SRP-004-100A-128K	0-100 PSI-A	128 KB	01-0118
SRP-004-150G	0-150 PSI-G	32 KB	01-0097
SRP-004-150G-128K	0-150 PSI-G	128 KB	01-0139