



Three Channel Pulse Data Logger

SmartReader 9 is a versatile data logger designed for easy counting and recording of switch contact closures and voltage pulses. It has two input channels each with three selectable frequency ranges.

Features

- 3 channels
- 10-year battery life
- User-configurable
- Accessible remotely by modem
- Network capable

Product Specifications

No. of Channels: Three. (One internal thermistor and two external inputs for externally-generated pulse signals or dry switch contact closures)

Ranges: 32 Pulses/second; 64 Pulses/second; 128 Pulses/second

Minimum Pulse Width: 4 milliseconds.

Switch Contact Closure Input Input type: Uncommitted switch or relay contacts.

Logic Inputs
Logic type: Active logic signals.
Input voltage: Low= 0 to 0.5 volts (DC). High= 4.5 to 24 volts (DC).

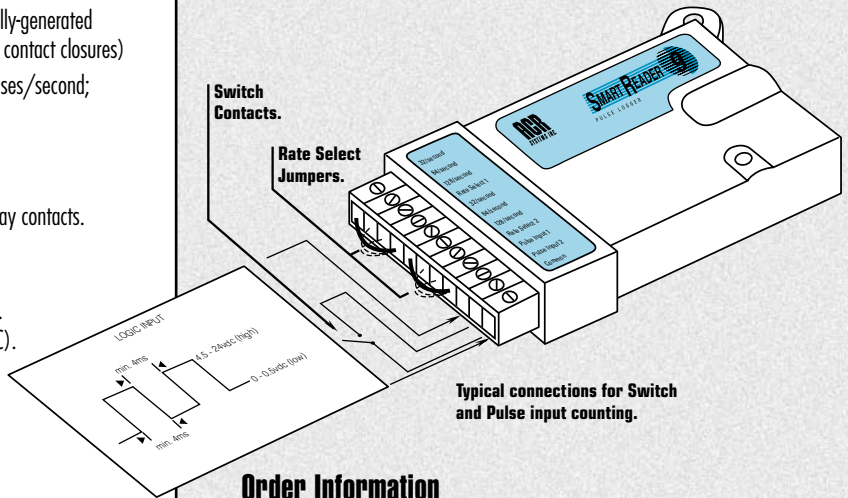
Input Impedance: 750 K ohms.

Memory Size: 32 KB.

Common Specifications: See page 6.

Software Specifications: See page 7.

Remote & Network Communications: See page 34.



Typical connections for Switch and Pulse input counting.

Order Information

MODEL	MEMORY	CATALOG #
SR-009	32 KB	01-0037

Measurement Solutions



Two Channel Pulse Data Logger

The SmartReader Plus 9 is a versatile data logger designed for easy counting and recording of switch contact closures and voltage pulses. It has two pulse/contact input channels. Data can be displayed in custom engineering units using the simple equation editor of ACR's TrendReader® for Windows® Software.

Features

- 12 bit pulse buffer size
- 2 channels
- 10-year battery life
- Up to 128 KB memory
- User-configurable
- Accessible remotely by modem
- Network capable

Product Specifications

No. of Channels: Two. (Two external inputs for externally-generated pulse signals and dry switch contact closures).

Minimum Pulse Width: 5 microseconds.

Switch Contact Closure Input Input type: Uncommitted switch or relay contacts.

Logic Inputs
Logic type: Active logic signals.
Input voltage: Low= 0 to 0.5 volts (DC). High= 4.5 to 22 volts (DC).

Maximum Frequency: 100 KHz.

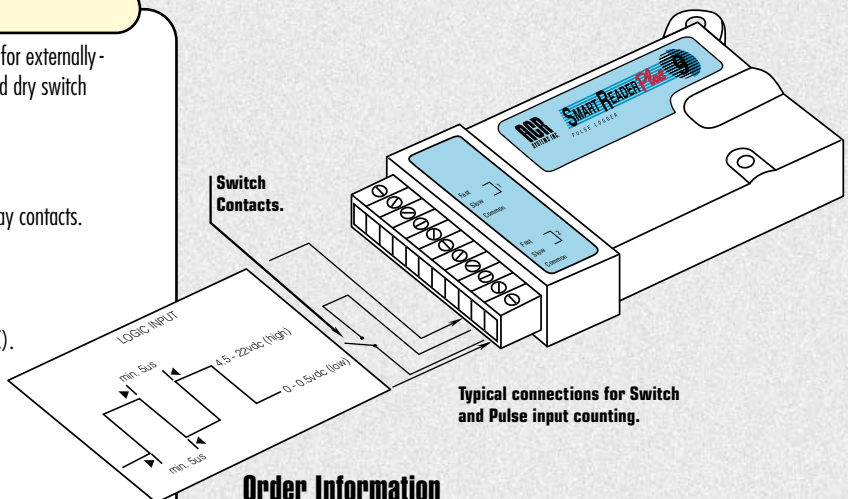
Input Impedance: 750 K ohm.

Memory Size: 32 KB and 128 KB.

Common Specifications: See page 8.

Software Specifications: See page 9.

Remote & Network Communications: See page 34.



Typical connections for Switch and Pulse input counting.

Order Information

MODEL	MEMORY	CATALOG #
SRP-009	32 KB	01-0016
SRP-009-128K	128 KB	01-0130