

W4 SP-1 Smart Pulser

Ultra-Dependable Performance

The SP-1 Smart Pulser contains microprocessor controlled direction sensing which eliminates over-counts due to pump vibration or meter backlash, making it more accurate than any other pulser on the market. The SP-1 is very durable, its stainless steel encoder wheel is impervious to the elements, and dual bearing construction promotes long pulser life - so no breakage. The small size allows mounting where other pulsers cannot fit. Designed to work with any Veeder-Root™ computer, the SP-1 eliminates the need for stocking multiple pulser models.

KEY FEATURES

- Dual output model available.
- Heavily filtered power supply eliminates noise.
- Environmentally coated circuitry eliminates moisture problems.
- All metal construction includes aluminum housing and machined aluminum coupling shaft.
- Intrinsically safe circuitry, no conduit required.
- Configuration setting made in pulser head for easy access.
- Compatible with all Veeder Root mechanical computers:
101, 2001, 2002, 2002E, VR-10,-V1R0/4



Specifications

Environmental Limits

Operating Temperature Range: -40 to 150°F (-40° to 65°C)

Power Requirements

Operating Voltage: **12VDC:**
(SP1-12-SO-B) or (SP1-12-DO-B)
110VAC:
(SP1-110-SO-B) or (SP1-110-DO-B)
220VAC model available

Maximum Speed: 240 RPM
ON Resistance: 23-35 Ω
Switching Voltage: 5-350 Volts AC or DC
Maximum Current: 300mA Physical

