

# ACR 700 Series Recording Controller With Profile Capability

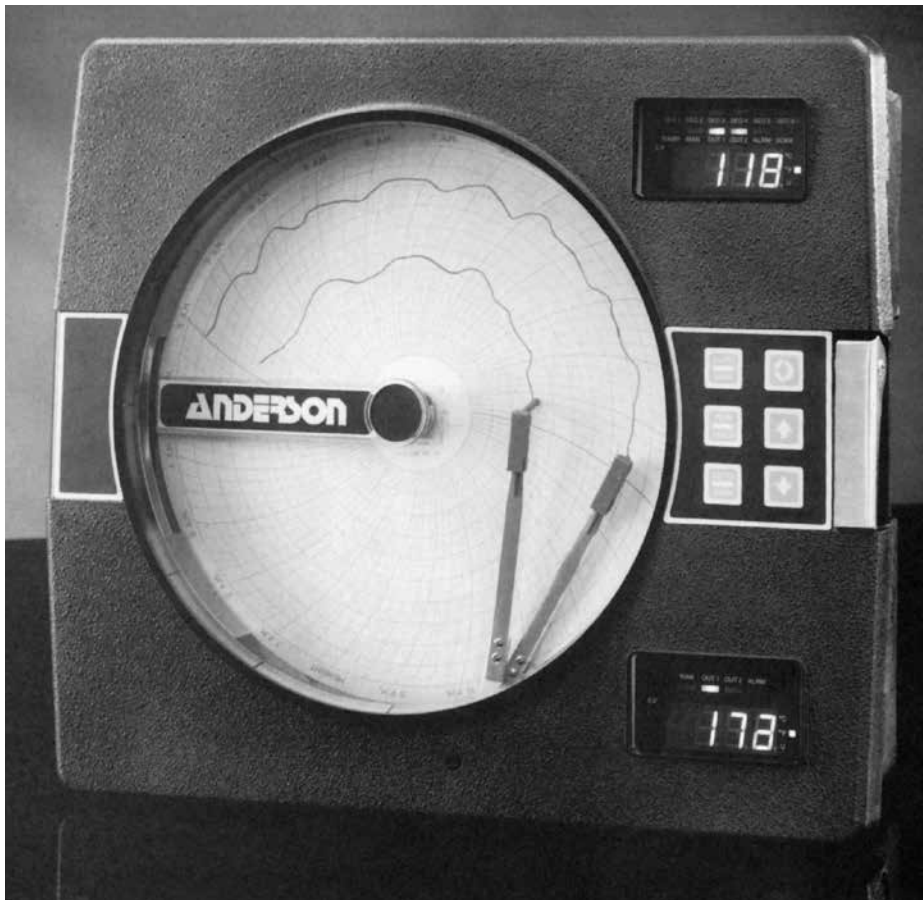
## Introduction

The ACR 700 line offers two versions: the basic recorder and a powerful recording controller. Both may be specified as either single pen or dual pen recorders. Each version is capable of measuring, recording and displaying temperature, pressure, level, flow, and other process variables. The recording controller is capable of controlling any process from one requiring simple on-off to dual 4-20mA outputs with full PID.

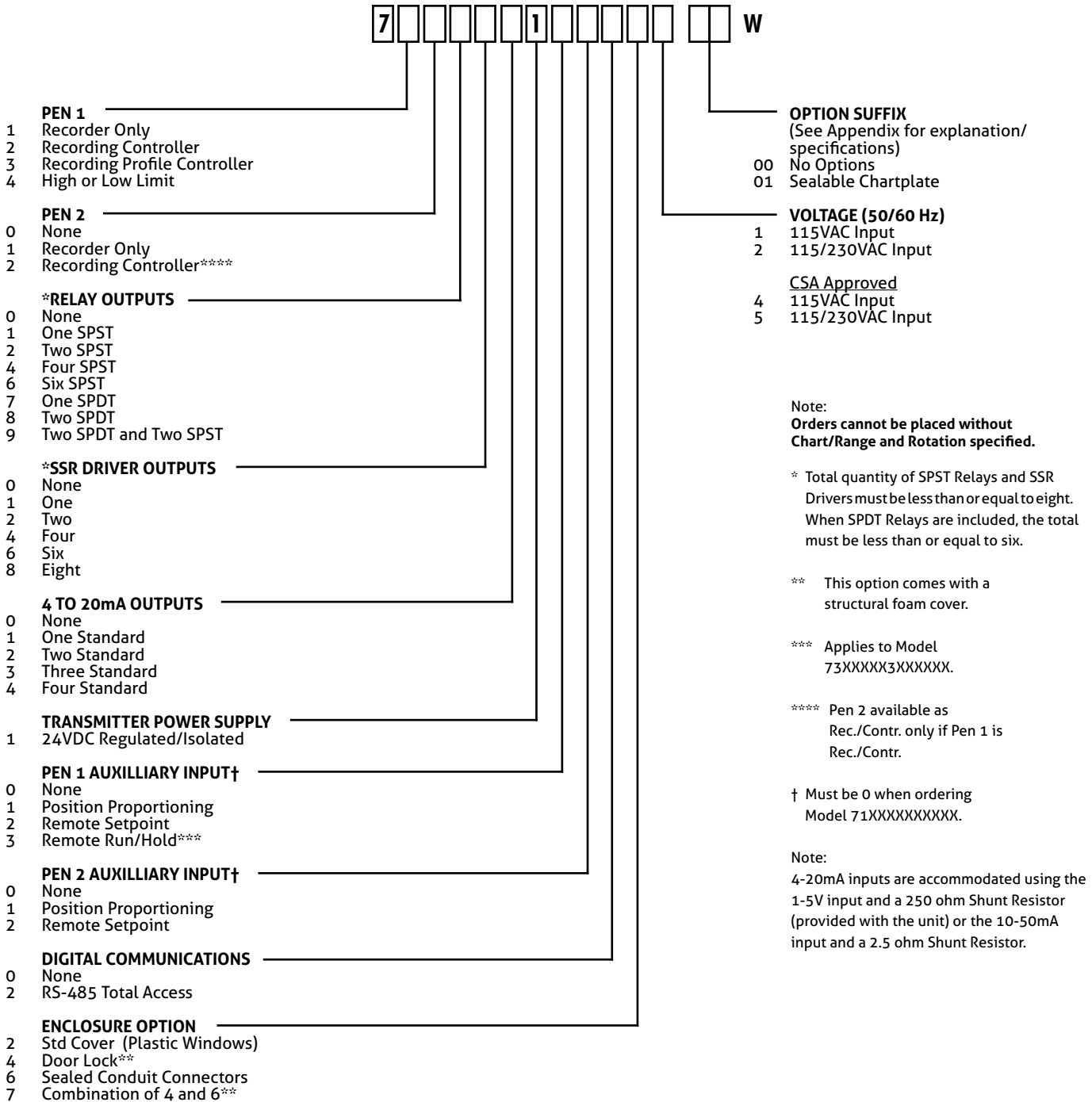
This capability may be supplied on one or two pens providing for dual loop recording and control. A recording profile controller is also available and is capable of profiling on one or two pens. Optional features include: single or dual control output, process value output(s), up to eight relay outputs, up to four 4-20mA outputs, remote setpoint input, remote run/hold, electric motor modulation, control setpoint limits, a 24VDC transmitter power supply, and RS-485 communications.

## Features

- Input capabilities include thermocouple, RTD, millivolt, volt and milliamp.
- Standard features include: isolated process input, process value display for each pen, up to two programmable alarms per pen, automatic linearization for thermocouples and RTD's, sensor break and error fault detection, display/chart and process filtering, 0.56 inch high LED displays, tactile feedback keys on front cover, programmable display, decimal point positioning, proportional control output limits, programmable output action on sensor break/error condition, auto/manual transfer, security access systems and more.



**Order Information**



**These recorders incorporate a NEMA 4 type enclosure**