



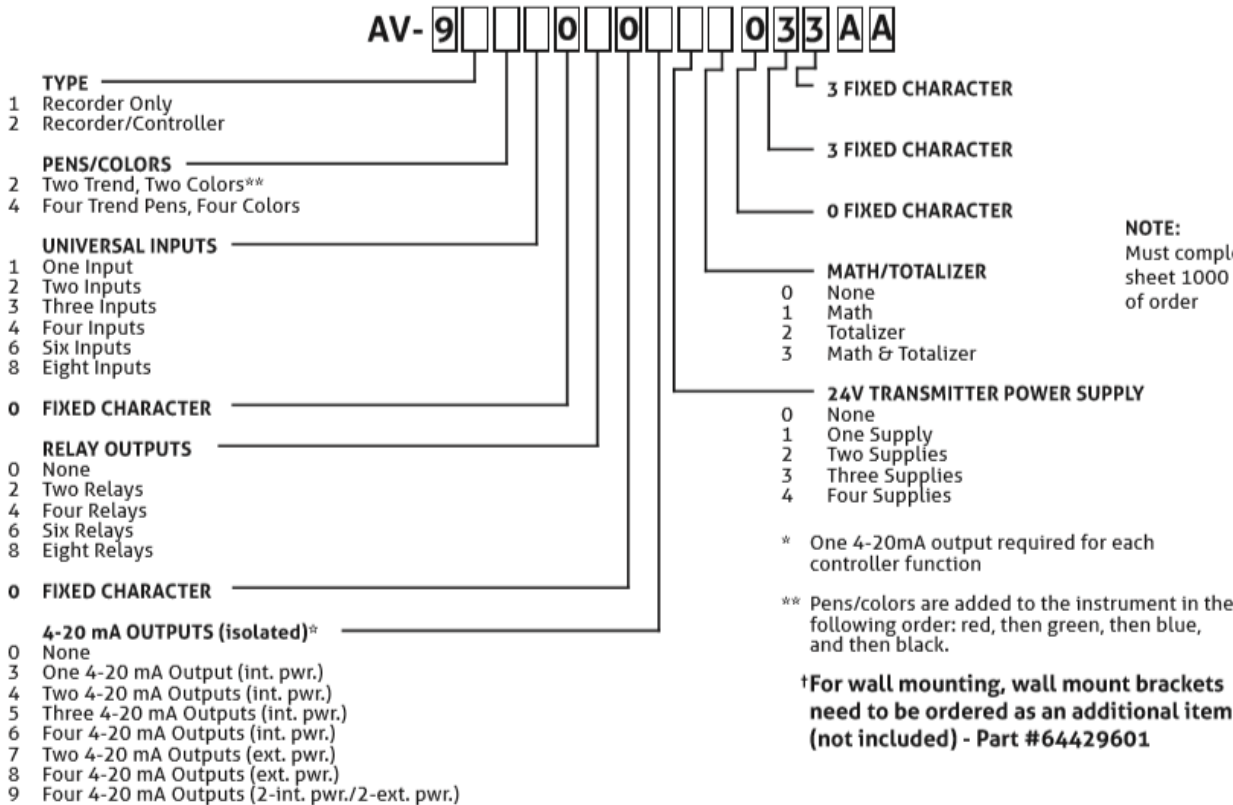
**Eyers Grove Management Group, Inc.**  
 18 Eyersgrove Road Millville, PA 17846  
 Ph: 570-458-7039 Fax: 570-458-7039  
 Email: sales@eyersgrove.net

Customer: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Phone: \_\_\_\_\_

**AV-9000 Recorder/Recording Controller Request Specifications**

**Order Information**



**NOTE:**  
 Must complete work-sheet 1000 at time of order

Specifications	
<b>PERFORMANCE</b>	Analog Outputs (for control and/or retransmission): 0 to 20mA into 0-650 ohm load with 12 bits resolution.
Recording Accuracy: ± 0.3% of chart span reference accuracy	
Ambient Temperature Error: 0.01% of span per degree C deviation from 25°C	
Memory Backup: Battery, 5 year minimum, 10 years typical	
Operating Temperature: 0 to 50°C (32 to 122°F)	
Humidity: 10 to 90% RH, non-condensing	
Warranty: 2 years	
Agency Approvals: UL approved for USA: UL certified for Canada	
<b>INPUTS</b>	<b>CONTROL</b>
Eight total inputs of any of the following available types:	Control Modes: Proportional, Integral, & Derivative.
Analog Input types:	Auto/Manual: Bumpless Transfer
RTD Types: Platinum 100 ohm, 2 or 3 wire	Setpoint: Local or Remote, Single or Dual Setpoint
.00385 coefficient DIN 43760/IEC 751	<b>POWER</b>
.00392 coefficient (USA)	AC Power: 85 to 265 VAC, 50/60 Hz
.00392 coefficient (SAMA)	<b>PHYSICAL</b>
Voltage Inputs: 0 to 25mV, 0 to 100mV; 0 to 1 VDC, 0 to 10 VDC	Overall Dimensions: 14.12 inches wide x 17.04 inches high x 7.75 inches deep (358.65 mm wide x 425.96 mm high x 196.85 mm deep)
Current Inputs: 0 to 20mA, 4 to 20mA	Weight: 25 lbs. maximum (55 kg)
Contact Closure: Open/closed switch sensing without external voltages or resistors	Vibration: 3 to 100 Hz @ 0.2g
Scan Rate: The input scan rate is programmable and dependent upon the number of active inputs present on the recorder. The total scans per second for the instrument is 16 scans/second.	Enclosure: Gasketed cover, case and windows. Structural foam case, cover material with plastic window areas. Panel, wall† or pipe mounting
<b>OUTPUTS</b>	Mounting: Panel, wall† or pipe mounting
Up to eight on/off relay outputs, and up to four 4 - 20mA analog outputs are available.	Conduit Openings: Four conduit openings standard
Relay Outputs: SPDT, contacts rated 5 amps resistive at 115 VAC, 2.5 amps resistive at 230 VAC, 1/8 HP at 230 VAC (single phase), 250 VA at 115/230 VAC.	Panel Depth: 5.25 inches (133.35 mm)
	Panel Cutout: 12.7 inches wide x 12.7 inches high (322.58 mm x 322.58 mm)
	Front Panel Protrusion: 2.5 inches ( 63.5 mm)
	<b>DISPLAY AND KEYPAD</b>
	Primary Display: 2 line, 40 character vacuum fluorescent display with characters .21 inch (5 mm) high.
	Status Indicators: 8, user configurable, red LED status indicators
	Operator Keypad: 15 keys for programming and unit operation.
	<b>ALARMS</b>
	Four alarms available per each of four process variables, adjustable hysteresis.