

Analog Output 16-Point Processor/FTA

MU-PAOY22

Parameter	Specification
FTA Models	MU-TAOY22, TAOY23, TAOY52, TAOY53
Output Type	4-20 mA
Output Channels	16
Output Ripple	100 mV peak-to-peak at power line frequency, across 250 Ω load
Output Temperature Stability	$\pm 0.02\%$ Full Scale/ $^{\circ}\text{C}$
Output Readback Accuracy	$\pm 4\%$
Humidity	$\pm 0.1\%$ full scale (50% RH $\pm 40\%$ RH)
Output Current Linearity	$\pm 0.05\%$ nominal
Resolution	$\pm 0.05\%$
Calibrated Accuracy	$\pm 0.35\%$ (25 $^{\circ}\text{C}$) including linearity
Directly Settable Output Current Range	0 mA, 2.9 mA to 21.1 mA
Absolute Max Current Output for AO Value Digital Input Code	24 mA
Maximum Resistive Load (24 V supply = 20 V)	750 Ω @ 20 mA
Maximum Output Compliant Voltage (24 V supply = 20 V)	15 V
Output Settling Time (digital input code to 98% of final output value)	4 ms
Surge Withstand Capability	ANSI/IEEE C37.90.1-1978

Analog Output 16-Point Processor Redundancy Option MU-TAOY22, TAOY23, TAOY52, TAOY53

Parameter	Specification
Gap (0 mA) of Output to Field on Failover	20 ms maximum
Switching Hardware Diagnostic Frequency	Once per minute