Product Feature Matrix

Controllers

Model	718TC	716C	740C	743CB	762C
Opto-isolated RS-485 Modbus serial communications interface	x	x			
PID control with programmable ramp and soak function, 4-20 mA or 0-20 mA control signal, or time proportional control with relay outputs	x	x			
Auto-tuning, SMART adaptive tuning	x	x			
Anti-windup	x				
Independent set points selectable from external input contacts	4	2			
Analog Outputs	1	1			
Relay Outputs	3	2			
Inputs: Universal, TC type, mV, V, mA, and RTD, fully selectable and keyboard programmable	x	x			
Output "Turn Off" function allows controller to be used as an indicator	x	x			
Lock-out function prevents unauthorized configuration	x	x			
NEMA 4X	x	x	x	x	
Accurate to 0.2% full scale (Measurement)	x	x			
Brilliant, 40-characters dot matrix display			x		
Wide range of standard inputs including mA, mV, thermocouple, and RTD			x		
One or two completely independent controllers with or without EXACT self-tuning			x		
Dual multifunction ramp generators			x		
Two 4-20 mA analog outputs				x	x
Easy to use operator keypad				x	x
Two independent EXACT PID control functions				x	x
Two 7-digit process totalizers				x	x
Brilliant, fully interactive fluorescent display					x
Single station cascade control and auto-selector control				x	X
Specifications	PSS 2C-1B3 A	PSS 2C-1B5 A	PSS 2C-1A7 A	PSS 2C-1A9 B	PSS 2C-1A1 D
					MI 018-885
Instruction Manual	MI 018-573	MI 018-575	MI 018-871		MI 018-889