

Series 5830 Compact Micro IV Nomenclature

Hays Cleveland Division of UniControl Inc.

Base Model	Process Variable	Description	Analog/Digital I/O Count	Description	Sensor Selection	Description	Analog/Digital I/O Count	Control Output Selection	Description	Analog/Digital I/O Count	Common Options	Description	Analog/Digital I/O Count	Model Selection Options	Description				
5830-x0-	A01xx	Hot Water, Standard Enclosure 16x16x6.5	1 Digital Input per Boiler	xx=01	Analog I/O 8 Inputs 2 Outputs Digital I/O 11 Inputs 7 Outputs	B01	2.5" RTD	1 Analog Input	Cxx	xx=01 thru 6	On-Off Relays	1 Digital Output per Boiler	G0100		Outside Air Temperature Reset	1 Analog Input	H01xx	xx=01 thru 6	Manual Potentiometer
	A02xx	Steam, Standard Enclosure 16x16x6.5	1 Digital Input per Boiler	xx=02	Analog I/O 8 Inputs 4 Outputs Digital I/O 11 Inputs 7 Outputs	B02	4.5" RTD	1 Analog Input	Dxx	xx=01 thru 6	On-Off Relays w/ Low-High Firing	2 Digital Output per Boiler	G0200		Norm / Manual Night Setback Switch	1 Digital Input			
	A11xx	Steam System OM Package with 3' Harness	1 Digital Input per Boiler	xx=03	Analog I/O 8 Inputs 6 Outputs Digital I/O 11 Inputs 7 Outputs	B11	HC Sensor, 0-25 PSI	1 Analog Input	Exx	xx=01 thru 6	On-Off w/ 4-20MADC Modulation	1 Digital Output per Boiler; 1 Analog Output per Boiler	G0300		Dual Set Point Selector Switch	1 Digital Input			
	A12xx	Hot Water System OM Package with 3' Harness	1 Digital Input per Boiler	xx=04	Analog I/O 8 Inputs 8 Outputs Digital I/O 11 Inputs 7 Outputs	B21	Fox., 1-30 PSI	1 Analog Input	Fxx	xx=01 thru 6	On-Off w/ 135 Ohm Modulation	1 Digital Output per Boiler; 1 Analog Output per Boiler	G0400		Remote Set Point	1 Analog Input			
						B22	Fox., 10-300 PSI	1 Analog Input					G05xx	xx=01 thru 6	Remote Lead Boiler Select	1 Digital Input per Boiler			
													G06xx	xx=01 thru 6	Assured Low-Fire Warmup	1 Digital Input per Boiler			
													G07xx	xx=01 thru 6	Assured Low-Fire Warm. w/ Hot Standby	1 Digital Input per Boiler			
													G08xx	xx=01 thru 6	Assured Low-Fire Shutdown	1 Digital Input per Boiler			
													G1100		Makeup Air Damper Control	1 or more per system as required			
													G1600		Water Return Temperature Indication; 2.5" RTD				
													G1700		Water Return Temperature Indication; 4.5" RTD				
													G20xx	xx=01 thru 6	Boiler Pump ON w/ Time Delay Off	1 Digital Output per Boiler			
													G21xx	xx=01 thru 6	Boiler Pump ON w/ Lead Pump Always On	1 Digital Output per Boiler			
													G2200		Password Protection				
													G2300		Modbus Communication				
													G2400		Digital Auxiliary I/O 8 Inputs 6 Outputs				
													G2500		Digital Auxiliary I/O 16 Inputs 12 Outputs				

SELECT ONE

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INDICATES # OF BOILERS

SELECT MULTIPLE CHOICES

INDICATES # OF BOILERS

SELECT MULTIPLE CHOICES

INDICATES # OF BOILERS