

UMC800 Universal Multiloop Controller

Model Selection Guide

Instructions

- Select the desired key number. The arrow to the right marks the selection available.
- Make one selection each from Table 1 thru VII using the column below the arrow.
A dot (•) denotes unrestricted availability. Restrictions follow Table VII.

Key Number	I	II	III	IV	V
_____	_____	_____	_____	_____	_____
			a through h	a through h	
	VI	VII			
	_____	_____			

KEY NUMBER - CONTROLLER

Description	Selection	Availability
Controller (120/240 VAC) & Control Builder Software	8001	↓
Controller (24 VAC/DC) & Control Builder Software	8011	↓

TABLE I - PROCESSOR/COMMUNICATION SELECTIONS

Number of Control Loops	8 Control Loops - Standard	0 _ _	•	•
	Up to 16 Control Loops	F _ _	•	•
Communications	None	_ 0 _	•	•
	2 RS485 MODBUS Ports (slave and master)	_ M _	•	•
	1 Modbus Master and Ethernet Bridge Card	_ E _	j	j
Agency Approval	CE	_ _ 0	•	•
	CE, UL	_ _ A	•	•
	CE, CSA, UL	_ _ B	•	•
	CE, CSA, UL and (FM CL1 DIV2)	_ _ C	•	•

TABLE II - CONFIGURATION CABLE/DOCUMENTATION

Configuration Cable	None	0 _	•	•
	Null Modem Cable (6 ft.)	1 _	•	•
Documentation	None	_ 0	•	•
	English	_ E	•	•
	French	_ F	•	•
	German	_ G	•	•
	Spanish	_ S	•	•
	Italian	_ T	•	•

TABLE III - I/O HARDWARE

I/O SLOTS 1 TO 8				
Specify card number for each module location				
	a b c d e f g h			
None		0	•	•
Analog Inputs (4)	(Notes 2 & 3)	1	•	•
Analog Output (4)		2	c	c
Digital Inputs, Contact Closure (6)		3	•	•
Digital Inputs, 24 VDC (6)		4	•	•
Digital Inputs, 120/240 VAC (6)		5	•	•
Digital Outputs, Relay (6)		6	e	e
Digital Outputs, 24 VDC (6)		7	•	•
Digital Outputs, 120/240 VAC Triac (6)		8	•	•
+/- 15VDC (4) Power Module		C	h	h
Frequency/Pulse Inputs (4)		D	•	•

Availability


80 -- 

TABLE IV - I/O HARDWARE

		Selection	01	11
I/O SLOTS 9 TO 16				
	Specify card number for each module location a b c d e f g h			
	None	0	•	•
	Analog Inputs (4) (Notes 2 & 3)	1	•	•
	Analog Outputs (4)	2	c	c
	Digital Inputs, Contact Closure (6)	3	•	•
	Digital Inputs, 24 VDC (6)	4	•	•
	Digital Inputs, 120/240 VAC (6)	5	•	•
	Digital Outputs, Relay (6)	6	•	•
	Digital Outputs, 24 VDC (6)	7	•	•
	Digital Outputs, 120/240 VAC Triac (6)	8	•	•
	Digital Outputs, 120/240 VAC (2, 2A)(4,.5A)	A	g	g
	Digital Inputs, Contact Closure (16)	B	f	f
	Frequency/Pulse Inputs (4)	D	•	•

TABLE V - OPTIONS

Tagging	None	0	•	•
	Customer ID Tag (Note 1)	T	•	•

TABLE VI - REV. CODE

ID Code	5	•	•
---------	---	---	---

TABLE VII - FACTORY USE

None	0	•	•
------	---	---	---

RESTRICTIONS

Restriction Letter	Comments	
	Table	Selection
c	III, IV	Limit of 4 maximum per controller rack
e	III	Selection available in locations g & h only
f	IV	Selection available in locations f, g & h only
g	IV	Selection available in locations a & b only
h	III	Selection available in locations e & f only
j	I	Selection available with Table III, Slot h, Selection 0 only

Note 1: Tagging information must be supplied with the order - 1 line - 30 characters maximum including spaces.

Note 2: For milliamp ranges (0-20, 4-20) specify a separate 250 ohm shunt resistor kit, P/N 46181080-503. (Package of 4)

Note 3: Controller accepts up to 64 analog inputs for data acquisition with a scan time of 3.4 seconds. Selections above 24 analog inputs are not recommended for control applications. The additional inputs may be accessed with an external PC and PlantScape Vista or other software. The operator interface is optimized for 24 analog inputs with a maximum of 24 trend values and 24 archived values. Overview displays in the operator interface may be used to view the status of up to 64 analog inputs.

"While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application."