

# MODEL NUMBER INTERPRETATION

## Instructions

- Select the desired key number. The arrow to the right marks the selection available.
- Make the desired selections from Tables I through VI using the column below the proper arrow. A dot (•) denotes availability.

Key Number    I    II    III    IV    V    VI

\_\_\_\_\_ - [ ] - [ ] - [ ] - [ ] - [ ] [ ]



## KEY NUMBER

Description
Digital Controller for use with 100 to 240Vac Power
Digital Controller for use with 24Vac/dc Power

Selection	Availability	
DC2800	↓	↓
DC2900		↓

### TABLE I - Specify Control Output and/or Alarms

Output #1	Current Output (4 to 20ma, 0 to 20 ma)
	Electro Mechanical Relay (5 Amp Form C)
	Open Collector transistor output
	Dual 2 Amp Relays (Both are Form A) (Heat/Cool Applications)
Output #2 and Alarm #1 or Alarms 1 and 2	No Additional Outputs or Alarms
	One Alarm Relay Only
	E-M Relay (5 Amp Form C) Plus Alarm 1 (5 Amp Form C Relay) Open Collector Plus Alarm 1 (5 Amp Form C Relay)

C_	*	*
E_	*	*
T_	*	*
R_	*	*
_0	*	*
_B	*	*
_E	*	*
_T	*	*

### TABLE II - Communications and Software

Communications	None
	Auxiliary Output/Digital Inputs (1 Aux and 1 DI or 2 DI)
	RS-485 Modbus Plus Auxiliary Output/Digital Inputs 10/100M Base-T Ethernet (Modbus RTU) Plus Auxiliary Output/Digital Inputs
Software	Limit Controller
	Standard Software
	Dual Loop and Internal Cascade Control
	Standard S/W and Set Point Programming
Future Options	None

0__	*	*
1__	*	*
2__	*	*
3__	*	*
_L_	e	e
_S_	*	*
_D_	*	*
_F_	*	*
_0	*	*

### TABLE III - Input 1 and Input 2

Input 1 (Note 1)	TC, RTD, mV, 0-5V, 1-5V, 0-10V
	TC, RTD, mV, 0-5V, 1-5V, 0-10V, 0-20mA, 4-20mA
Input 2	None
	TC, RTD, mV, 0-5V, 1-5V, 0-10V
	TC, RTD, mV, 0-5V, 1-5V, 0-10V, 0-20mA, 4-20mA
	Slidewire Input for Position Proportional (Requires 2 Relay Outputs)
	Carbon, Oxygen or Dewpoint (Provides 2 Inputs)

1__	*	*
2__	*	*
_00	*	*
_10	*	*
_20	*	*
_40	a	a
_60	b	b

Note 1: Input 1 can be changed in the field using external resistors.

### TABLE IV - Options

Approvals	CE (Standard)
	CE, UL, and CSA
Tags	None
	Stainless Steel Customer ID Tag - 3 lines w/22 characters/line
Future Options	None

0__	*	*
1__	*	*
_0_	*	*
_T_	*	*
_0	*	*

### TABLE V - Documentation

Documents	Quick Start Guide - English
Certificate	None
	Certificate of Conformance (F3391)

0	*	*
_0	*	*
_C	*	*

### TABLE VI - Extended Warranty

Extended Warranty	None
	Extended Warranty Additional 1 year
	Extended Warranty Additional 2 years

0	*	*
1	*	*
2	*	*

## RESTRICTIONS

Restriction Letters	Available Only With		Not Available With	
	Table	Selection	Table	Selection
a	I	EE, R_		
b	III	1__		
c	II	_S_		
d	II	_L_		
e	III	_00	I	C_,R_