

Modutrol IV Motor Order Number Guide

M9184D1021

CONTROL SERIES (First two digits)

41	2-Position, Line Voltage
61	Floating Control
62	Floating with Feedback Potentiometer
71	4-7, 6-9, 10.5-13.5 Vdc Control
72	4-20mA or 2-10 Vdc Control
73	W936 Control
74	Burner/Boiler Control
76	14-17 Vdc w/ Minimum Position
79	Specials
81	2-Position, Low Voltage
91	Proportioning Control
94	Proportional Burner/Boiler Control

SPECIFICATION NUMBER (Last four digits)

Used to indicate additional information such as:

- Stroke (90° or 160°)
- Voltage (24V, 120V, etc.)
- Timing (e.g., 60 seconds)
- Signal Range (e.g., 4-7, Vdc)

MECHANICAL CHARACTERISTICS (Second two digits)

Shaft Type		Rotation	Torque	
Single	Dual			
72	75	N.C.	25 lb.-in.	Spring Return
73	76	N.O.		
82	85	N.C.	60 lb.-in.	
83	86	N.O.		
61	64		35 lb.-in.	Non-Spring Return
71	74		75 lb.-in.	
81	84		150 lb.-in.	
91	94		300 lb.-in.	

Torque rating is for standard timing of 30 seconds for 90° or 60 seconds for 160° (except for 300 lb-in. motors which are for timings of 2 or 4 minutes for 160° stroke, or 60 seconds for 90° stroke).

ELECTRICAL CHARACTERISTICS (Suffix letter)

Applies to all Models EXCEPT Series 79

Number of Switches			Special Function	Stroke	Electrical Rotation
0	1	2			
A	B	C	Standard	Fixed	N.C.
N	P	Q	Adj Zero & Span		
V	W	Y	Minimum Position		
D	E	F	Standard	Adjustable	
G	H	J	Standard	Fixed	N.O.
R	S	T	Adj Zero & Span		
K	L	M	Standard		

N.C. means electrically Normally Closed. Motor is in closed position (fully counterclockwise, as viewed from power end) when powered with control wiring not connected.

N.O. means electrically Normally Open. Motor is in open position (fully clockwise, as viewed from power end) when powered with control wiring not connected.