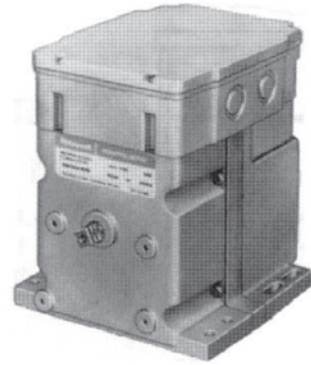


M7284/ M7294

Modulating type Modutrol IV Motors
비례제어 모듈트롤 모터



개요

M7284, M7294 모듈트롤 모터는 댐퍼와 밸브를 제어하는데 사용됩니다. 이들 모터들은 열림(OPEN)과 닫힘(CLOSE)사이의 위치에서 댐퍼와 밸브의 위치를 정하는 전자식조절장치로 부터 전류 및 전압 신호를 받아들입니다.

특징

- M744, M745 대체품
- Non-Spring return 모터
- 모터 본체 및 기어가 기름에 잠겨 있어 수명이 길고 신뢰도가 높으며 안정됨
- 배선박스에는 NEMA3 기후보호장치 내장
- 신속하게 접속하는 단자대 → 나사단자대 어댑터 사용가능
- 시작점(0)과 간격조절가능
- 다이캐스팅 마그네슘 재질로 충격에 강함

특성 및 규격

Electrical Ratings I

Power Consumption:

Model	Power Consumption	
	VA	Watts
M7261	15	13
M7282	20	18
M7284	15	13
M7285	20	18
M7286	20	18
M7294	15	13

Input Range :

- Current, Nonadjustable: 4 to 20 mA nominal, 25 mA maximum,
- Current, Adjustable: 4 to 20 mA adjustable, 50 mA maximum,
- Zero/Null (Motor Closed): 0.0 to 18 mA,

Span: 1.8 to 20 mA,

Voltage, Nonadjustable: 2 to 10 Vdc,

Input Impedance:

- 4 to 20 mA Input: 100 ohms,
- 2 to 10 Vdc Input: 400K ohms,

Auxiliary Switch Ratings (in Amps) I

One Contact Ratinga	120V	240V
Full Load	7,2	3,6
Locked Rotor	43,2	21,6

^a 40 VA pilot duty, 120/240 Vac on opposite contact.

Stroke I Most models available with field adjustable strokes from 90° to 160°. Stroke adjusted by means of potentiometers located in the wiring compartment.

Timing I Nominal 30 seconds for 90° stroke and 60 seconds for 160° stroke.

Dead Weight Load On Shaft I 200 lb (91 kg) on motor power or auxiliary end; maximum combined load of 300 lb (136 kg).

Ambient Temperature Ratings I -40 to 150°F (-40 to 66°C).

Shaft I 3/8 in. (9,5 mm) square.

Approvals I

- Underwriters Laboratories Inc. Listed: File No. E4436; Guide No. XAPX for USA and Canada.
- U.S. Patents: pending

Lead Color	Primary Voltage
Brown	24 VAC
White	120 VAC
Blue	230 VAC
Black	Common

Modutrol IV Motors Series 2 Version Order Number Guide.

M	Motor				
	71	10,5 – 13,5 Vdc voltage input			
	72	4–20 mA or 2–10 Vdc Control			
	76	14–17 dc voltage control with minimum position capability			
	6	–	35 lb-in. Non-Spring Return		
	7	–	75 lb-in. Non-Spring Return		
	8	60 lb-in. Spring Return	150 lb-in. Non-Spring Return		
	9	–	300 lb-in. Non-Spring Return		
	2	Dual-ended shaft	Normally Closed Spring Return		
	4		Non-Spring Return		
	5		Normally Closed Spring Return		
		A	0 Auxiliary Switches	Adjustable Stroke * Normally Closed	
		B	1 Auxiliary Switch		
		C	2 Auxiliary Switches		
		D	0 Auxiliary Switch		
		Q^a	2 Auxiliary Switches		
M	72	8	4	A	XXXX See Tradeline Catalog for Complete Model Number

^aAdjustable zero and span.

* Fixed stroke on M7284C1083, M7284C1091, M7284Q1082, and M7284Q1090

외형 및 치수 (단위 : mm)

