Direct Coupled Actuators - Non-Spring Return Models

ML6161 and ML7161

ML7161 used with 4-20 mA control

ML7161 used with 2-10 Vdc control

ML6174 and ML7174

ML7174 used with 4-20 mA control

ML7174 used with 2-10 Vdc control

⚠️ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.

M18071

M18072
Direct Coupled Actuators - Non-Spring Return Models

N05 Series (MN6105, MN7505) and N10 Series (MN6110, MN7510)

### Wiring for Floating Control

**MN6105, MN6110**
- FLOATING: DIR

24 VAC

- LINE VOLTAGE POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- 24 VDC SUPPLY ACCEPTABLE.

### Wiring for Voltage Control

**MN7505, MN7510**
- MODULATING: 0(2)... 10 V, 10... 0(2) V

24 VAC

- LINE VOLTAGE POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- 24 VDC SUPPLY ACCEPTABLE.

### Wiring for Auxiliary Switches

END SWITCHES (CLASS II-ONLY)

- 5° 85°

S1 S2 S3 S4 S5 S6

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160
N20 Series (MN6120, MN7220) and N34 Series (MN6134, MN7234)

**Used for On/Off Control**

- Power supply: 24 VAC
- Controller: M18945A

**Wiring for Floating Control**

- Power supply: 24 VAC
- Controller: M18946A

**Wiring for Modulating Control**

- Power supply: 24 VAC
- Proportional controller: M18947A

**Wiring for Auxiliary Switches**

- Auxiliary switches: COM, N.O, N.C
- Controllers: M18948

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*POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.

*CONNECTION REQUIRED FOR SPST CONTROL.

*POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.

*0(2)-10 VDC OR 0(4)-20 mA CONTROL SIGNAL ACCEPTABLE. SET CONTROL SIGNAL DIP SWITCH TO "OFF" FOR VOLTAGE. SET TO "ON" FOR CURRENT.*