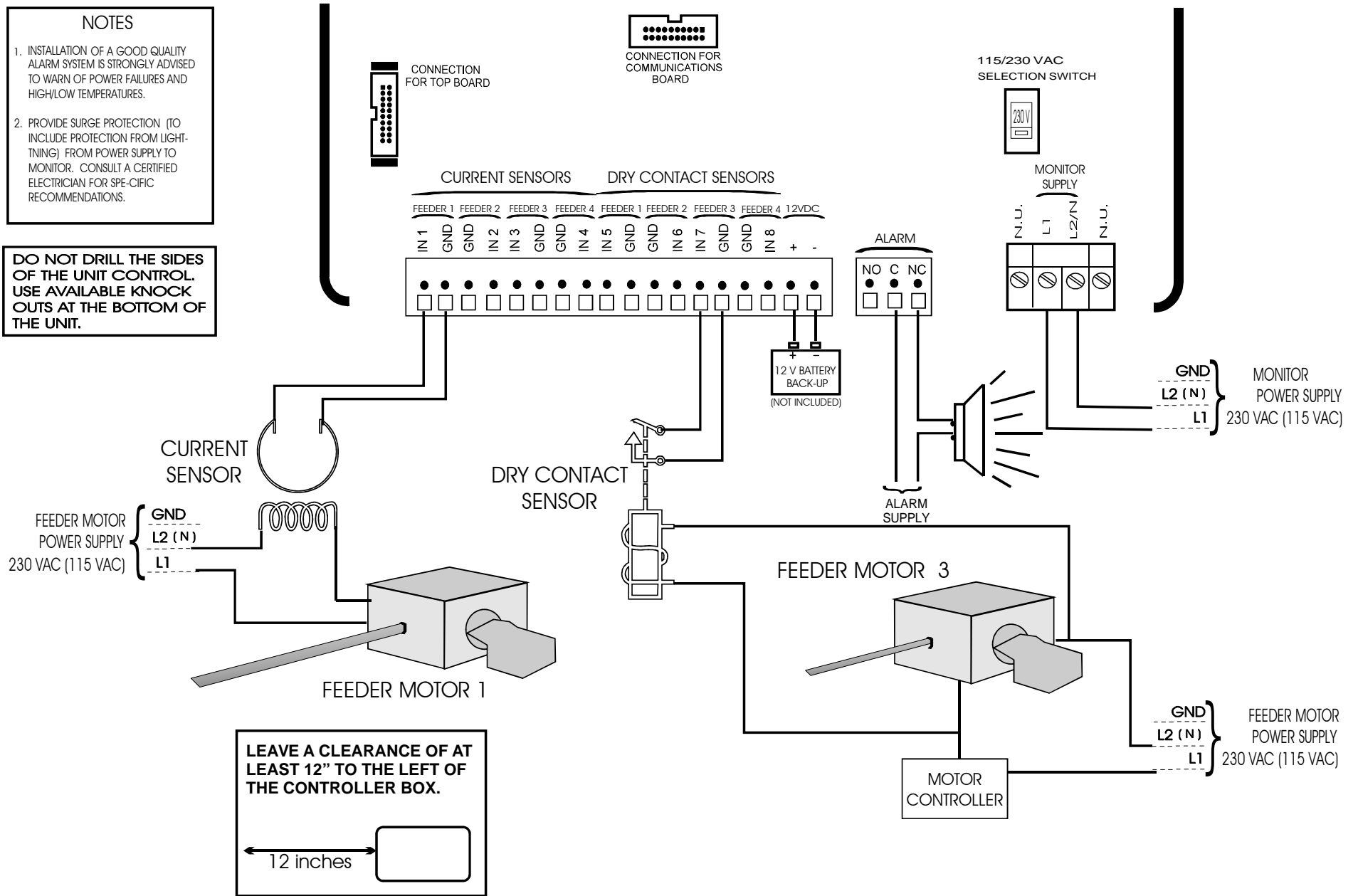
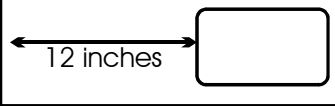


**NOTES**

1. INSTALLATION OF A GOOD QUALITY ALARM SYSTEM IS STRONGLY ADVISED TO WARN OF POWER FAILURES AND HIGH/LOW TEMPERATURES.
2. PROVIDE SURGE PROTECTION (TO INCLUDE PROTECTION FROM LIGHTNING) FROM POWER SUPPLY TO MONITOR. CONSULT A CERTIFIED ELECTRICIAN FOR SPECIFIC RECOMMENDATIONS.

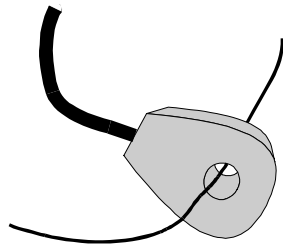
**DO NOT DRILL THE SIDES OF THE UNIT CONTROL. USE AVAILABLE KNOCK OUTS AT THE BOTTOM OF THE UNIT.**

**LEAVE A CLEARANCE OF AT LEAST 12" TO THE LEFT OF THE CONTROLLER BOX.**

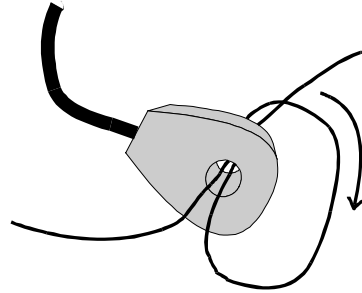


WIRING DIAGRAM	
FMC-1	
#891-00079	Rev.02

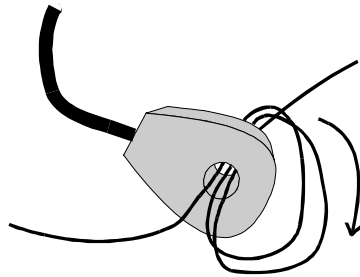
## RUNNING THE FEEDER WIRE THROUGH THE CURRENT SENSOR



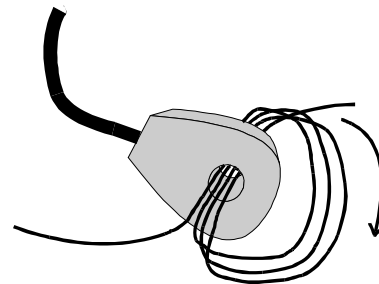
ONCE



TWICE



3 TIMES



4 TIMES

ALWAYS WIND IN THE SAME DIRECTION!  
(4 TIMES MAX.)

MAXIMUM LOAD FOR A MOTOR RUNNING AT FULL CAPACITY			
1 - 2.75 A RMS	2.75 - 3.75 A RMS	3.75 - 5.5 A RMS	5.5 - 11 A RMS
run the wire ideally <b>4 TIMES</b> through the sensor; otherwise, ONCE, TWICE or 3 TIMES.	run the wire ideally <b>3 TIMES</b> through the sensor; otherwise, ONCE or TWICE	run the wire ideally <b>TWICE</b> through the sensor; otherwise, ONCE	<b>NEVER</b> run the wire more than <b>ONCE</b> through the sensor

A 22/2 AWG gauge cable no longer than 2000 feet (0.6 km) can be used to connect the current sensor. Do not use a cable longer than 2000 feet even if a larger cable is used.  
**DO NOT RUN THE SENSOR CABLE OUTSIDE THE BUILDING!!**

WIRING DIAGRAM	
<b>FMC-1</b>	
#891-00079	Rev.02