


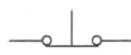

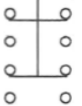
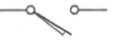

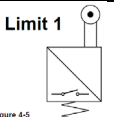
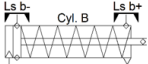
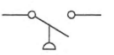




Module 7 - Pneumatic System Design
Week 13 Work Sheet

Textbook Reading


Chapter 15 – All

What are 2 advantages of a purely pneumatic control system?

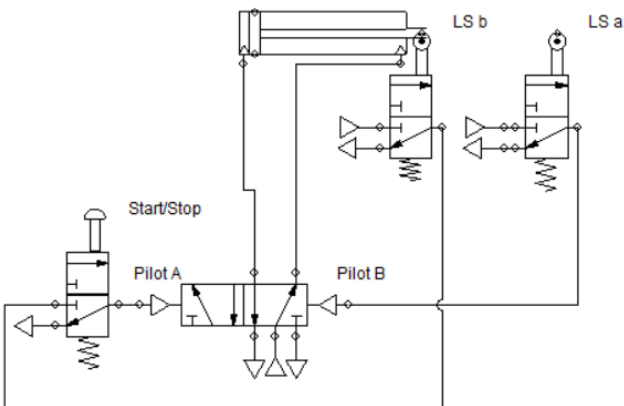
What are 2 advantages of an electropneumatic control system?

Device	Description
	
	
	
	
	
	
	
	
	
	
	
	
	

MENG2520 Pneumatics and Hydraulics

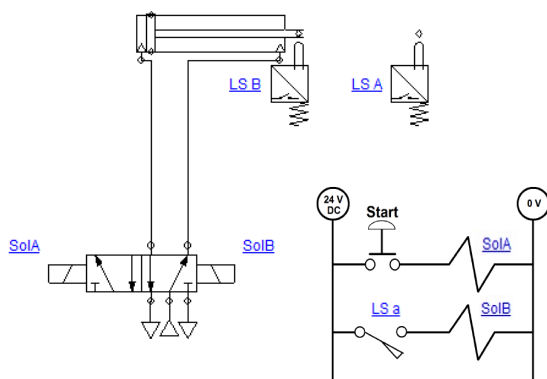
	
	
	
	
	
	
	

How does this circuit function?



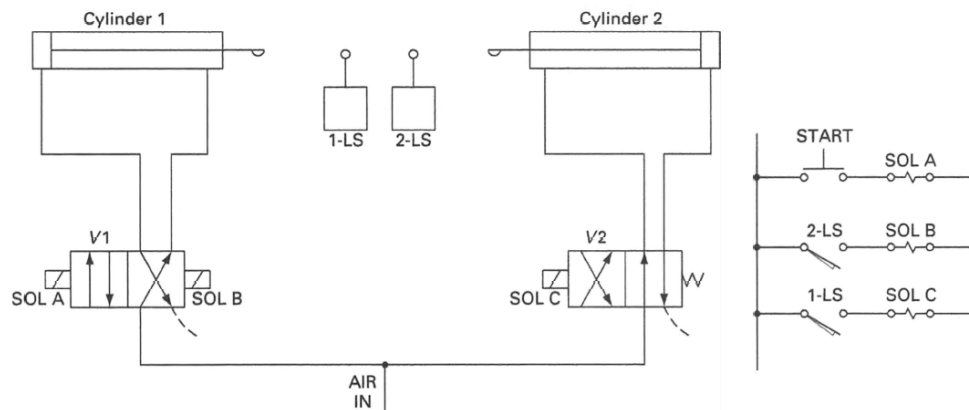
How does this circuit function?

How does we make it run continuously?

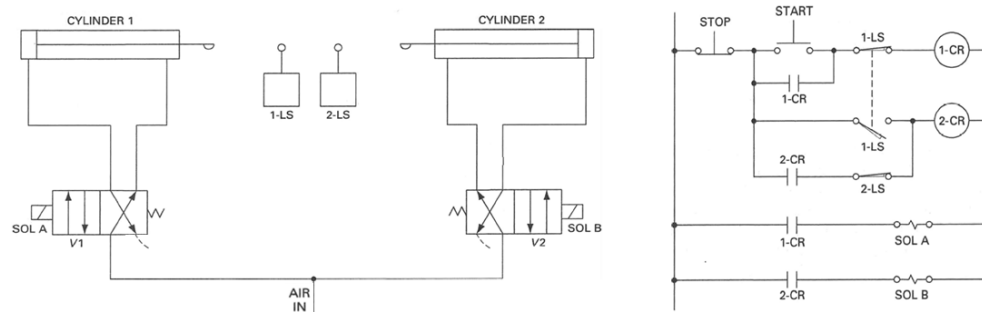


MENG2520 Pneumatics and Hydraulics

How does this circuit function?

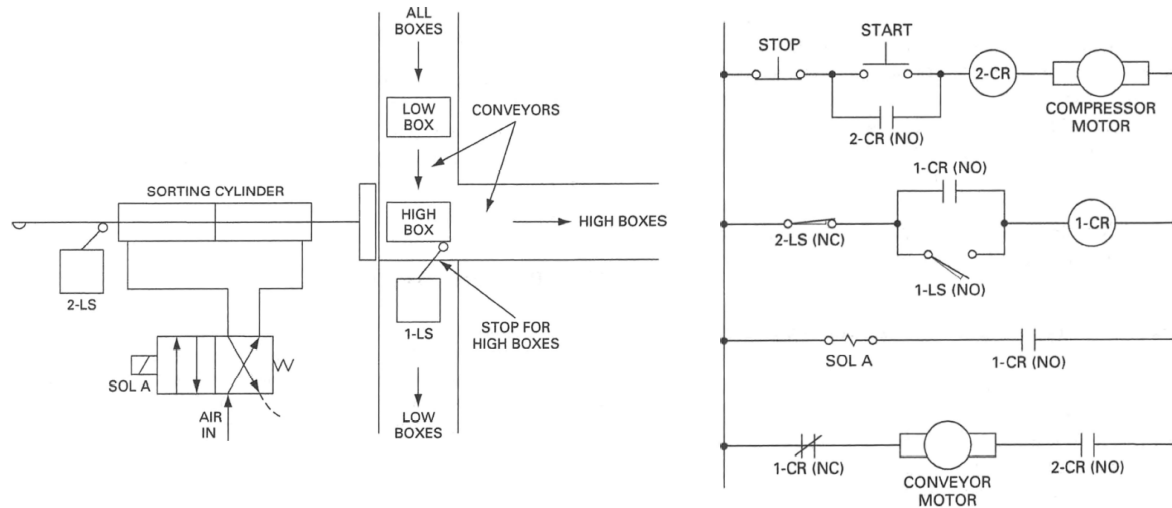


How does this circuit function?

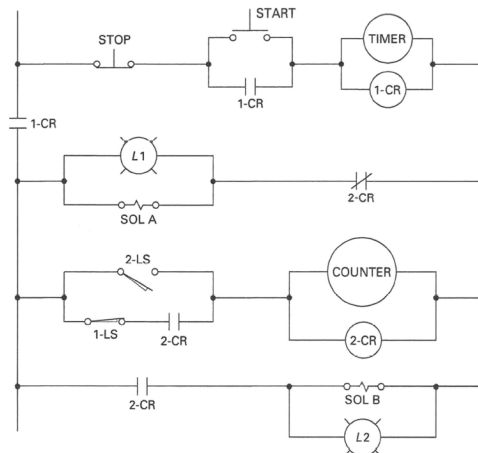
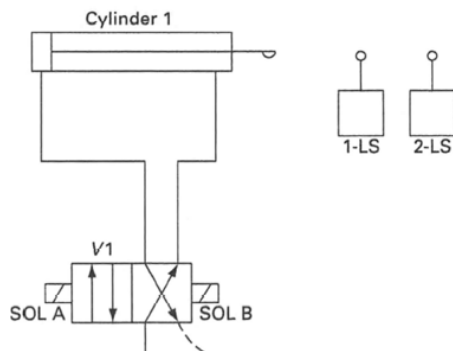


How does this circuit function?

An electropneumatic system is used for sorting two different-sized boxes moving on a conveyor. Low boxes are allowed to continue on the same conveyor, but high boxes are pushed on to a second conveyor by a pneumatic cylinder. The high boxes are detected by 1-LS mounted higher than the low boxes, but lower than the high boxes



How does this circuit function?



What are 2 advantages of an PLC electropneumatic control system?