

Hydraulics & Pneumatics

Chapter 2: Electro-Hydraulics (QUIZ #3)

by

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PART A (TRUE/FALSE)

- Normally open contact switch allow electrical current to flow in initial position (T/F)
- The purpose of using relay in electro-hydraulic circuit is to enable multiple contact control using a single switch (T/F)
- Memory circuit used to build a continuous cycle circuit (T/F)

PART B (Circuit Design)

- Figure on the next page shows a pneumatic bending mechanism, controlled by electro-fluid system. Once the start button is pressed, cylinder A clamped the sheet metal. This is followed by the first bending by cylinder B. To avoid the actuator collision, cylinder B need to be fully retracted before cylinder C conduct the second bending.

PART B (Circuit Design)

Design an electro-hydraulics for this system

