

Pneumatic dan Electropneumatic Dasar

Teknik Mekatronika

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Yang akan kita pelajari

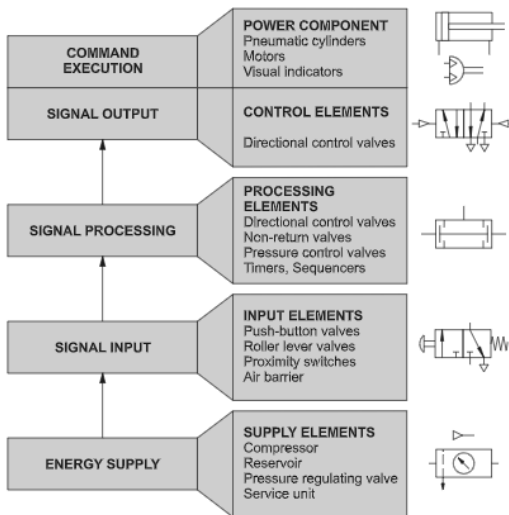
- 1 Pengenalan
- 2 Bagian-bagian dari Pneumatic
- 3 Cara Kerja Silinder
Double Acting
Single Acting
- 4 Praktikum 1

Untuk Apakah Pneumatic?

- Pneumatic Application Equipment–MDCS
- pneumatic application in automation – SOMCHAI ENOI
- Pneumatic Control : Festo Didactics–Akshay Vasant

Bagian-bagian dari Pneumatic [YT: link]

Fig. 1.5
Pneumatic control system



Bagian-bagian dari Electropneumatic [YT: link]

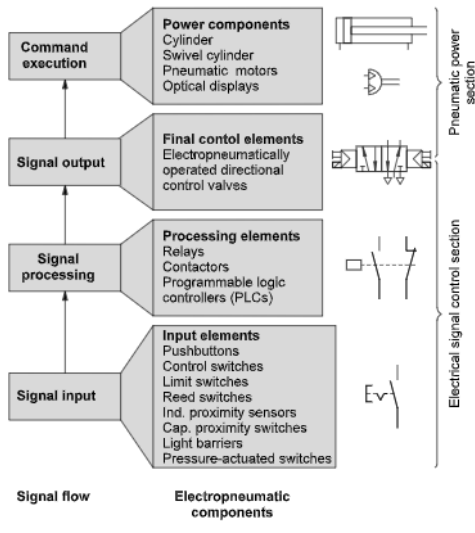
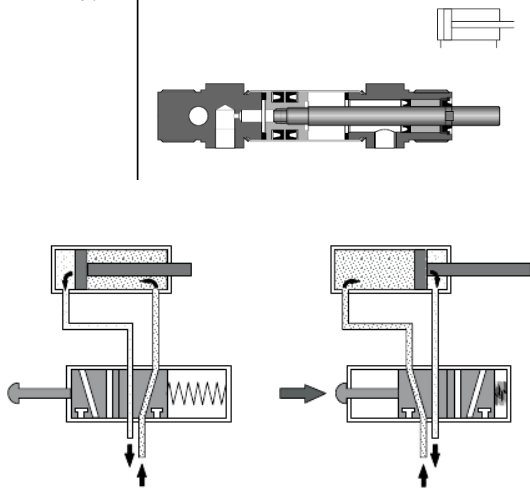


Fig. 1.8:
Signal flow and components
of an electropneumatic
control system

Cara Kerja Silinder Double Acting

Menggunakan Valve Pneumatic [YT :link, link]

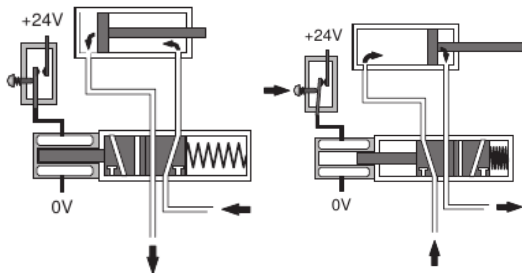
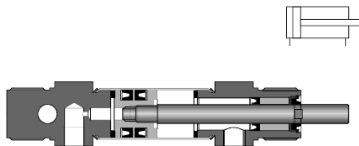
Fig. 3.3
Double-acting cylinder



Cara Kerja Silinder Double Acting

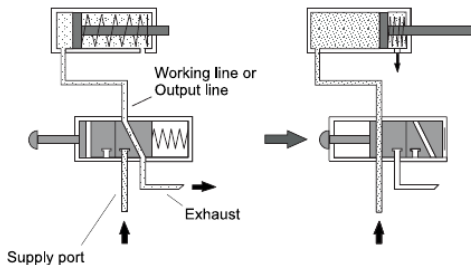
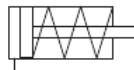
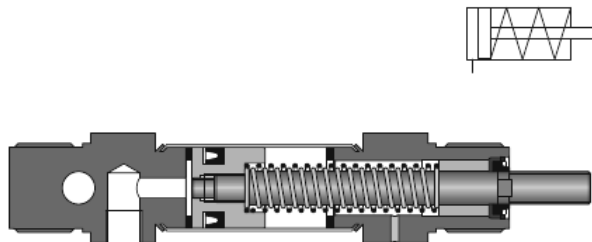
Menggunakan Valve Electropneumatic [YT : link, link, link, link]

Fig. 3.3
Double-acting cylinder



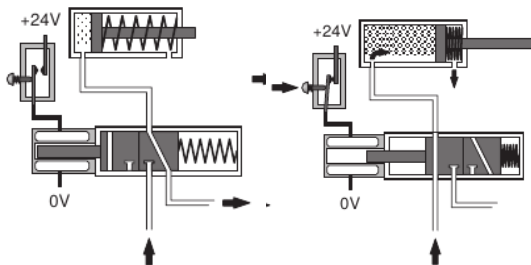
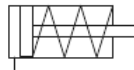
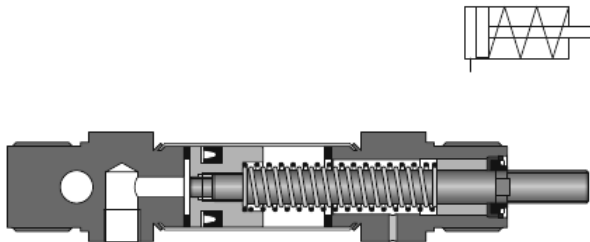
Cara Kerja Silinder Single Acting

Menggunakan Valve Pneumatic [YT :link, link]



Cara Kerja Silinder Single Acting

Menggunakan Valve Electropneumatic [YT :link, link]



PRAKTIKUM 1