Interfaces

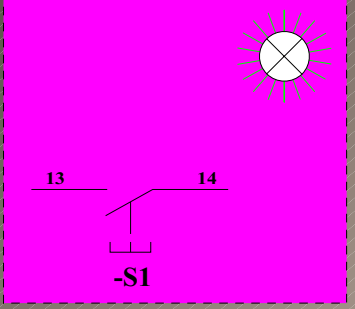
Production
LGM





Les différentes parties d'un S.A.P

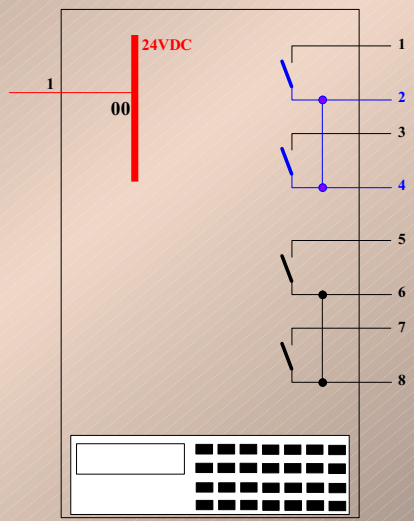
(Système Automatisé de Production)

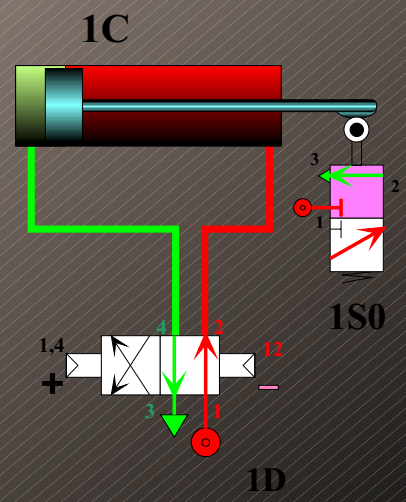


Une Partie Dialogue P. D

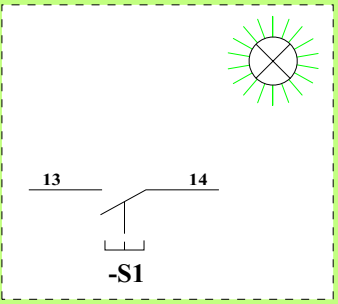
C'est le pupitre de l'opérateur

Boutons de commande
Voyants
compteur
etc..

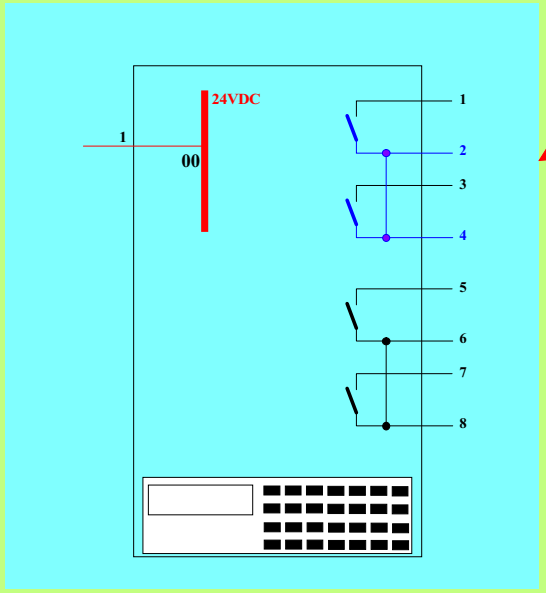




Production
LGM

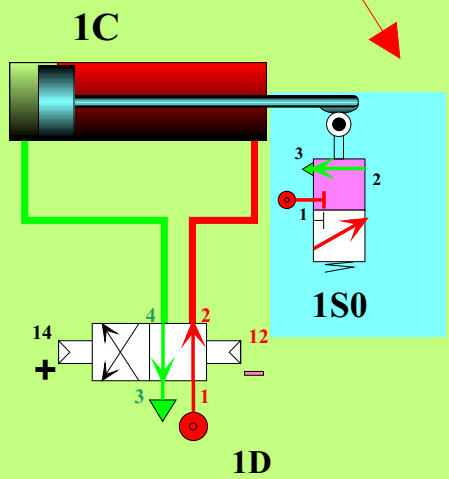


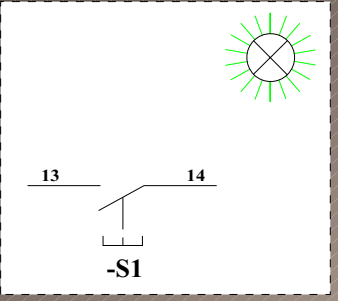
Une Partie Commande P. C

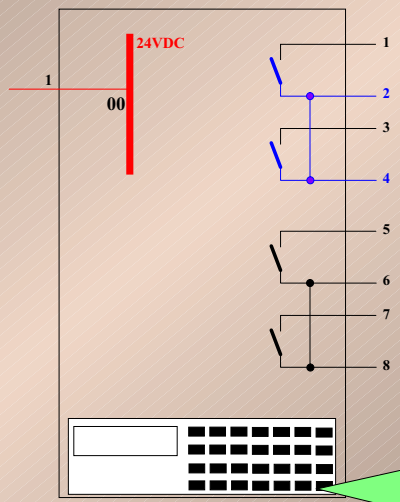


Automate avec programme

Capteurs

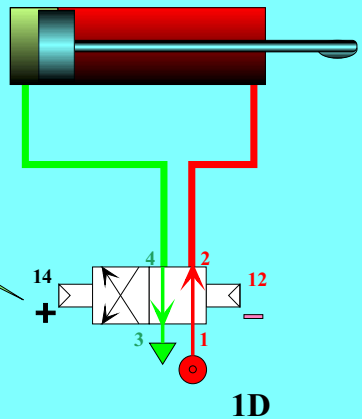






Actionneur

Préactionneur

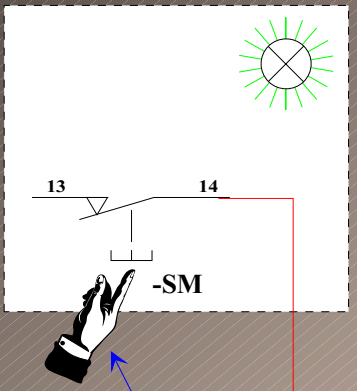


Une Partie Opérative P. O

Production
LGM

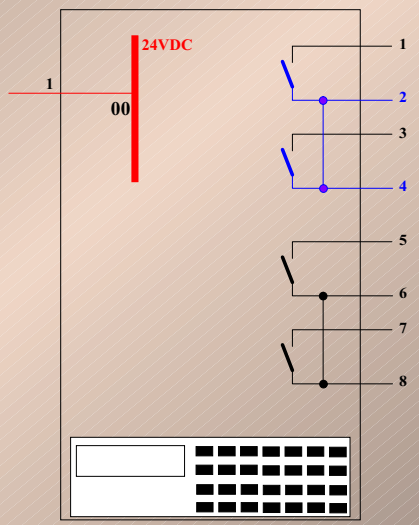
Les informations entre chaque parties

P. D



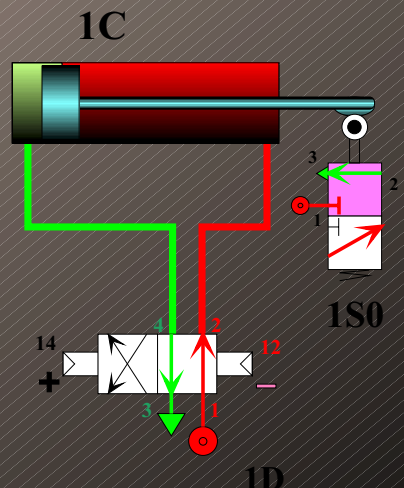
Le signal électrique est compatible avec l'éntrée de l'automate

P. C



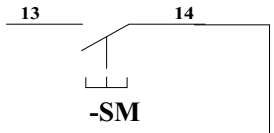
L'ordre de mise en marche du SAP est donné par l'opérateur

P. O

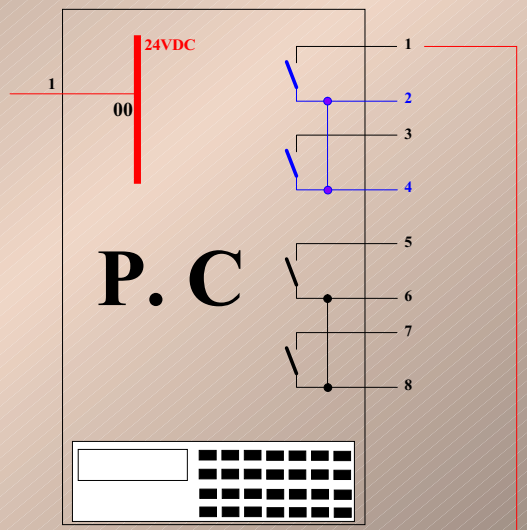


Production LGM

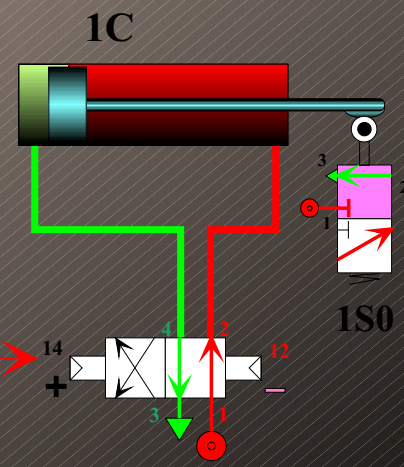
P. D



Le programme exécute l'ordre et ferme la ou les sortie(s)



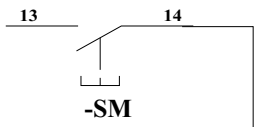
P. O

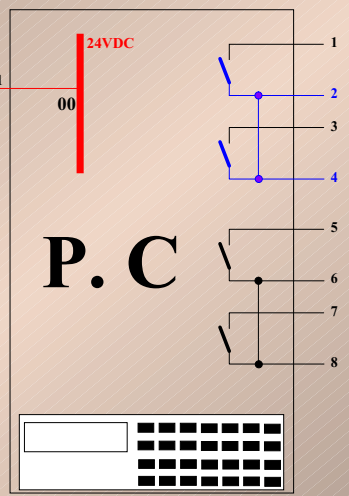


Il est impossible de commander un préactionneur à commande pneumatique avec le signal électrique de l'automate

Production
LGM

P. D





signal électrique

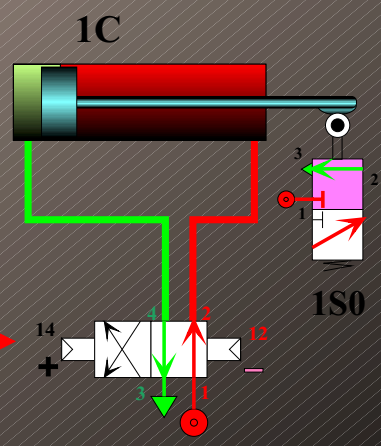
Réception

émission

signal pneumatique

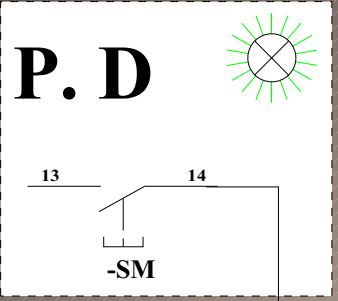
Interface

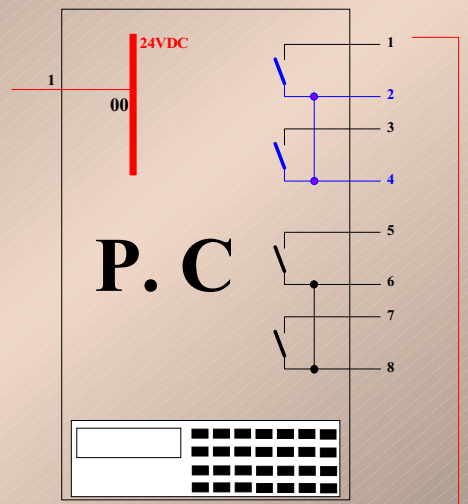
P. O



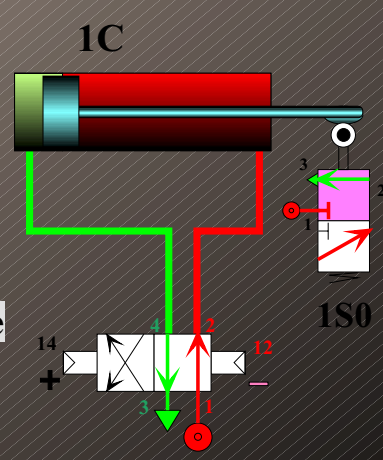
Production
LGM

P. D





P. O



signal électrique

signal pneumatique

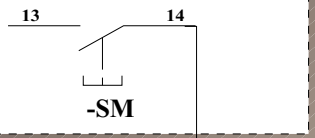
Interface

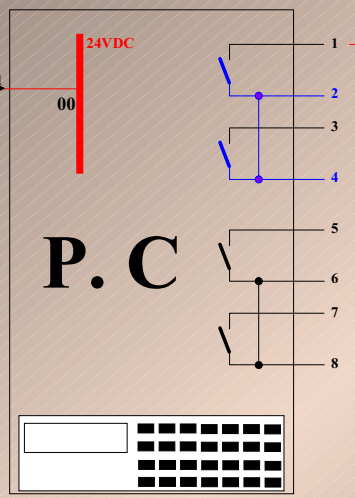
Electro

Pneumatique

Production
LGM

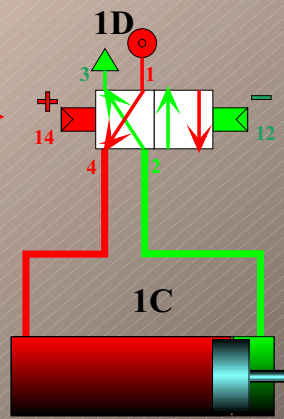
P. D





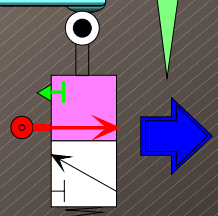
P. C

P. O



La capteur signal que le vérin est sorti

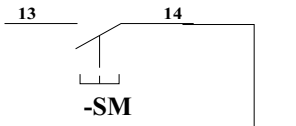
Le préactionneur fait sortir l'actionneur (vérin)

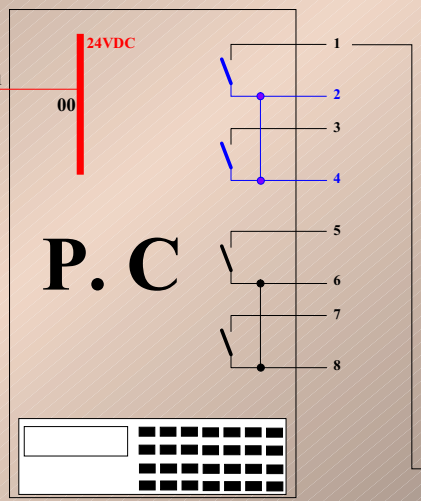


1S1

Production LGM

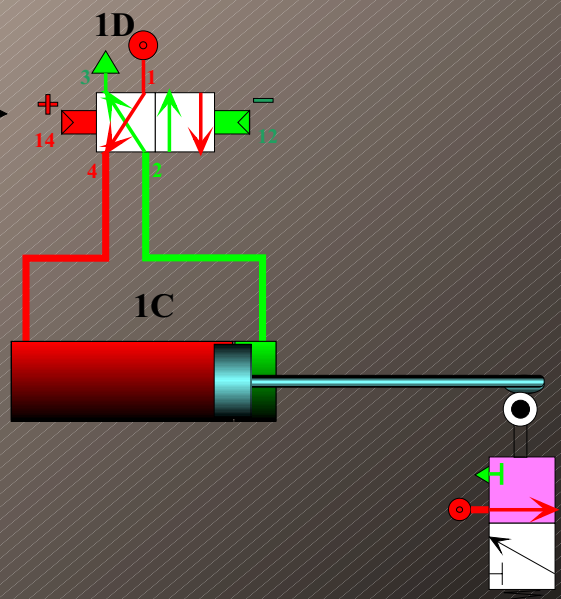
P. D





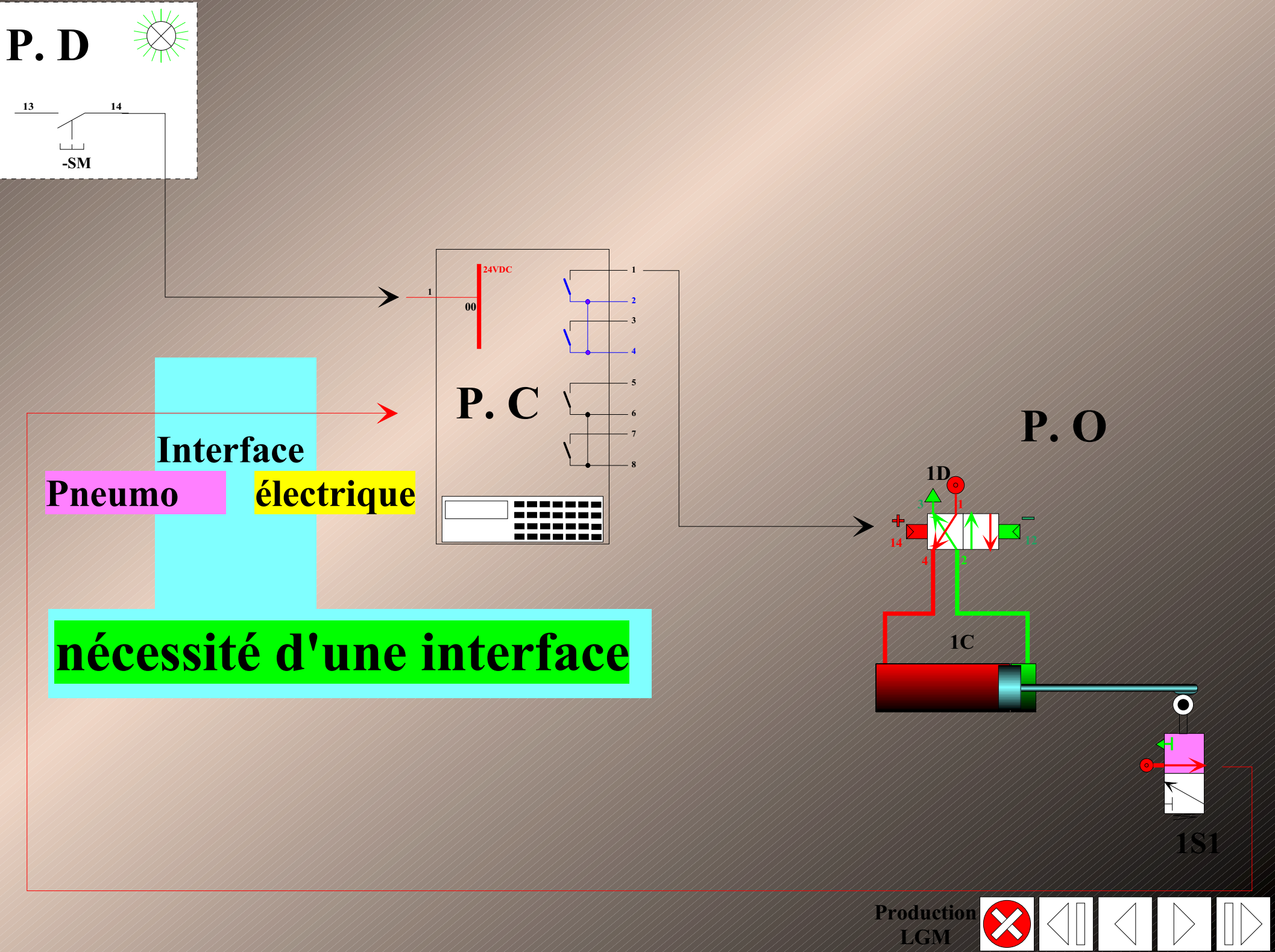
P. C

P. O



Le signal émis est pneumatique
donc incompatible avec l'entrée automate

Production
LGM


P. D
13
14
-SM
24VDC
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P. C
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P. O
1D
1
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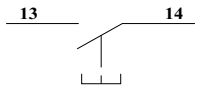
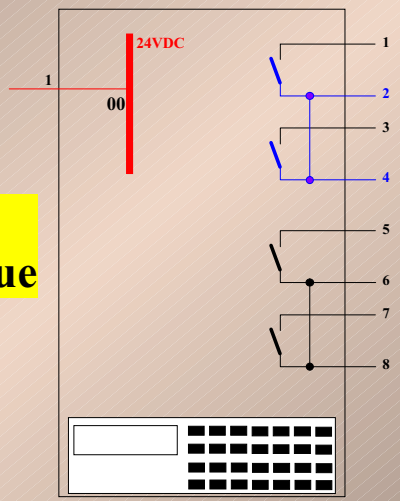
14
12
4
2
1C
1S1
Interface
Pneumo
électrique
nécessité d'une interface
Production
LGM

P. D



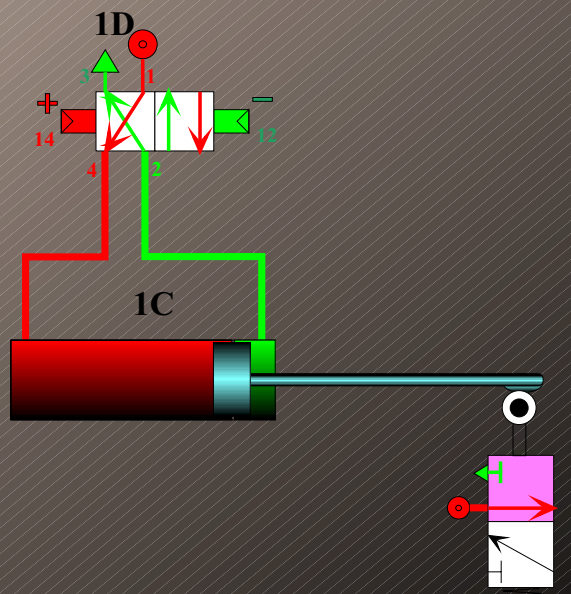
P. C



Interface Pneumo électrique

Interface électro pneumatique

P. O



Production LGM

THE END

Action sur la touche

Echap