ONLY AS EXAMPLE

PRESSURE
SWITCH 2

ENABLE
VALVE

DOOR
SWITCH

KEY
SELECTOR

OPEN
DOOR

CLOSED
DOOR

STOP/PRE-STOP
PALLET

B

GTA

AIR
SUPPLY

MANUAL
SHUT-OFF
VALVE

FILTER
REGULATOR

FLOW
SENSOR

ELECTRICAL
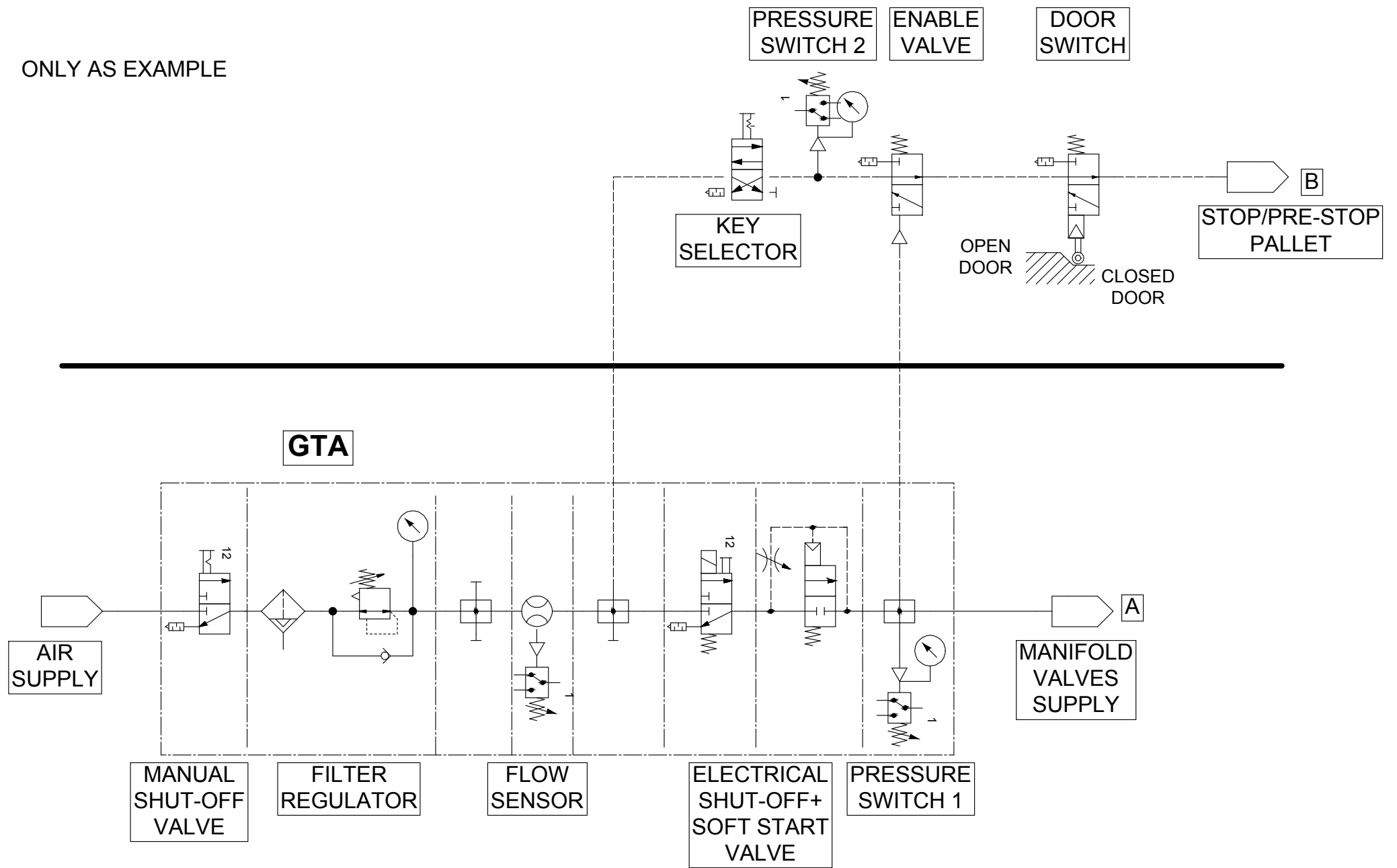SHUT-OFF+
SOFT START
VALVE

PRESSURE
SWITCH 1

MANIFOLD
VALVES
SUPPLY

A

Pressure switch 2 must be supervised by PLC in order to:

1) Don't allow cycle start and manual movements if any pressure is detected.

2) Generate an end of cycle stop if any pressure is detected during automatic cycles.

3) Generate always an alarm on HMI, E.G. "stop exclusion activated by pneumatic key selector, deactivation necessary to continue".

FESTO