

SCHMIDT® HydroPneumaticPress

Control Versions without Force-Stroke-Monitoring



Single-channel Control

Integration of the press in an automatic installation

Controlling the rapid Approach Stroke

Single-channel pneumatic Control Block
Incl. throttle for adjusting the speed in working stroke

Controlling the Power Stroke

a) Pneumatically
via differential pressure valve

b) Electrically
via electromagnetic valve

Inductive Switches
for TDC / BDC

External Control

Control Unit
SCHMIDT®
PressControl
70/600 without safety equipment

Two-channel Control

With manual loading of the machine

Additional Valves: Option 1
1/8" – 5/2 additional valves mounted to the pneumatic control block

- 2-hand-release
- Light curtain

Additional Valves: Option 2
CAN bus valve terminal

EC-type approved

SCHMIDT®
SafetyModule



CAN bus

Control Unit
SCHMIDT® PressControl
70/600

SCHMIDT® SafetyModule

Safety circuit with terminals to connect the 2-channel pneumatic block and the release elements. The release of the press, 2-hand-release or automatic mode (light curtain or pneumatic guard door), must be configured and parameterized accordingly. The communication with the control is via CAN bus.

2-channel pneumatic block

inclusive 2 flow controls for the speed adjustment in the working and return stroke.

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