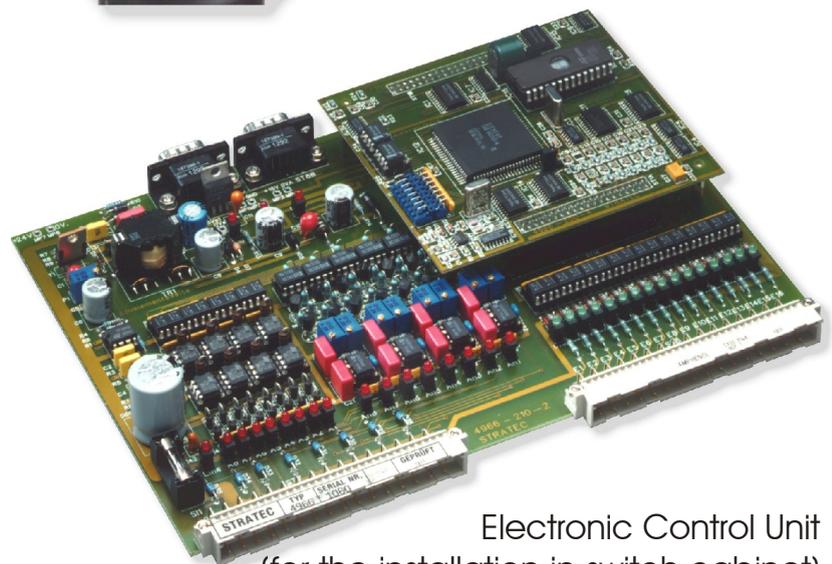


STRATEC GL

Electronic Speed Control for Conveyors



Operator Control Panel
(For installation at the conveyor)



Electronic Control Unit
(for the installation in switch cabinet)

General Introductions

The correct tuning of the conveyor speed, particularly between the various production machines is an important factor in achieving a trouble free operation along the whole bottling line.

The particularly critical points are the bottle buffers, where the transport of the bottles switches from multi-lane in a single-lane transport, or when synchronization between two machines (Bloc-connection) is necessary.

For an harmonious transport without pressure, with low noise and without gaps, we recommend the BBULL- electronic speed control system **STRATEC GL**.

Application

Speed control for conveyors within the bottling line to achieve:

- Gliding transport from multi-lane to single-lane
- Bloc connection between two production machines in order to avoid pressure, noise and gaps



Operator Control Panel

- Simple operation by means of 4 push buttons
- Adjustment of the parameters optionally with a laptop computer
- Indication of the input / output via LEDs
- Menue driven operation
- Indication of the transport speed in bottles/hour
- Malfunction indication in plain text
- Big LCD- display (16 lines, each 20 alphanumeric characters)
- Text display, changeable by switch to five languages (D, GB, E, I, F)

Mode of Operation

The systems consists of an electronic control unit witch is installed in the switch cabinet near by the frequency converters and an operator control panel, installed at the conveyor. (Operator control panel used for adjustment only)

Optionally the adjustment of the parameters can be done:

- with a laptop computer (menue driven)
- with a very simple operation panel directly in the switch cabinet at the control card.

During normal operation the bottle stream as well as the conveyor speed are continuously monitored by sensors. Thus the control unit analyzes permanently if the bottles are sliding (jammping) or if there are gaps.

The speed of the motors, which drive the various conveyors are regulated accordingly.

The system is able to control up to 8 analog outlets simultaneously.



Technical Data

| | |
|-----------------------------|---|
| Voltage supply: | ___ 24 V DC (+/- 20%) |
| Enclosure control unit: | _____ open |
| Enclosure operating panel: | _____ IP 55 |
| Operating temperature: | ___ 0 ⁰ - 50 ⁰ C |
| Dimensions of control unit: | _____ 230 x 160 x 35 mm (Installed in switch cabinet) |
| Dimension of control panel: | ___ 160 x 260 x 180 mm (Installed at the conveyor) |
| Weight of control unit: | _____ 500g |
| Weight of control panel: | _____ 4 kg |
| Input / Output signals: | _____ 16 digital input signals 8 digital output signals 8 analog output signals |



BBULL

INFORMATIK & INDUSTRIE
ELEKTRONIK

BERNHARD BULL COMPUTER GmbH
Ankerstrasse 73
75203 Königsbach-Stein/Germany
Telefon (+49) 72 32-40 06-0
Telefax (+49) 72 32-40 06-25
E-mai: info@bbull.de
<http://www.bbull.de>

CENTRO

KONTROLLSYSTEME

CENTRO KONTROLLSYSTEME GmbH
Hagener Strasse 75
57072 Siegen/Germany
Telefon (+49) 2 71-48 96 3-6
Telefax (+49) 2 71-48 96 3-74
E-mail: info@centrok.de
<http://www.centrok.de>

STRATEC

CONTROL-SYSTEMS

STRATEC CONTROL-SYSTEMS GmbH
Ankerstrasse 73
75203 Königsbach-Stein/Germany
Telefon (+49) 72 32-40 06-0
Telefax (+49) 72 32-40 06-25
E-mail: info@stratec-control.de
<http://www.stratec-control.de>