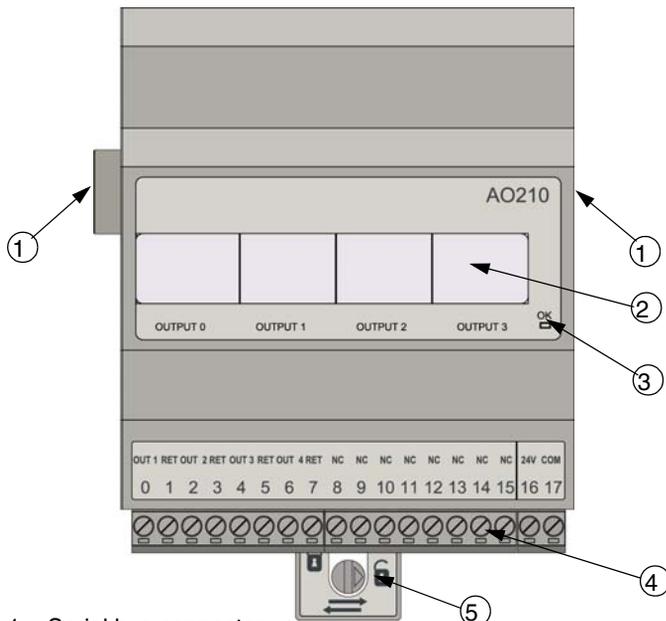


## Analog Output Unit AO210 and 200C-OE4

AO210 and 200C-OE4 is an I/O unit for 4 analog single-ended output signals. The outputs are low-pass filtered, galvanically isolated from the serial bus by optocouplers and share a common ground connection. The internal logic requires an external +24 V DC power supply.

A common LED indicates correct operation with a green light and failures with red, see page 80.

The output current range 4–20 mA or 0–20 mA is set in the programming software individually for each output.



- 1 = Serial bus connector
- 2 = Label on which output designations can be written
- 3 = Green/red LED, indicating correct supply voltage or unit failure
- 4 = Detachable 18-pole screw terminal block (split into 8+8+2 terminals)
- 5 = Locking device

Figure 39. Analog output unit AO210 and 200C-OE4



Since the internal logic is supplied from an external +24 V power supply, the unit appears non-existent from the adapter or controller if the power is lacking. Lacking power also forces the outputs to 0 mA.

The unit is not damaged if the power supply polarity is reversed.

**Functional Block Diagram**

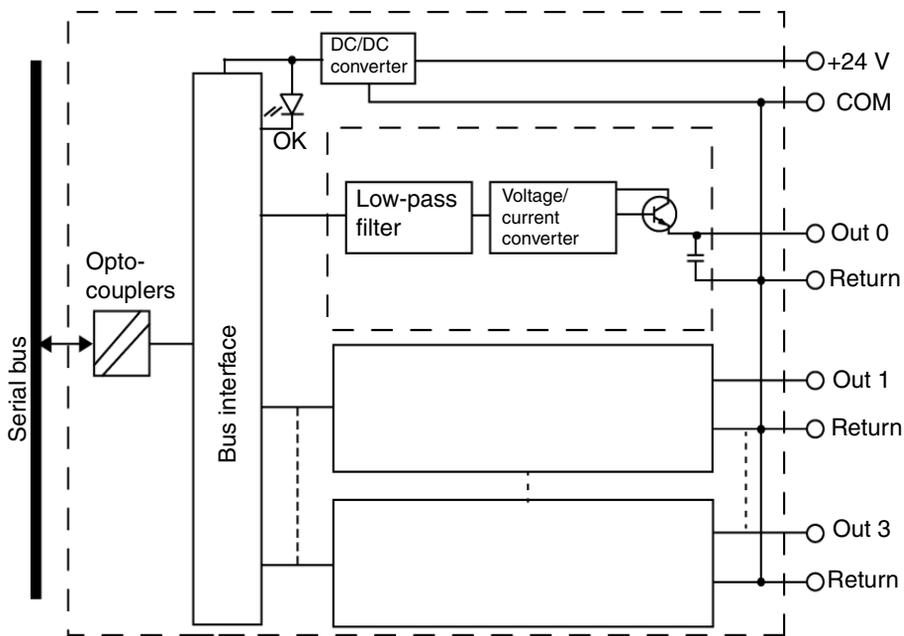


Figure 40. AO210 and 200C-OE4 functional block diagram

**AO210 and 200C-OE4 Connections**

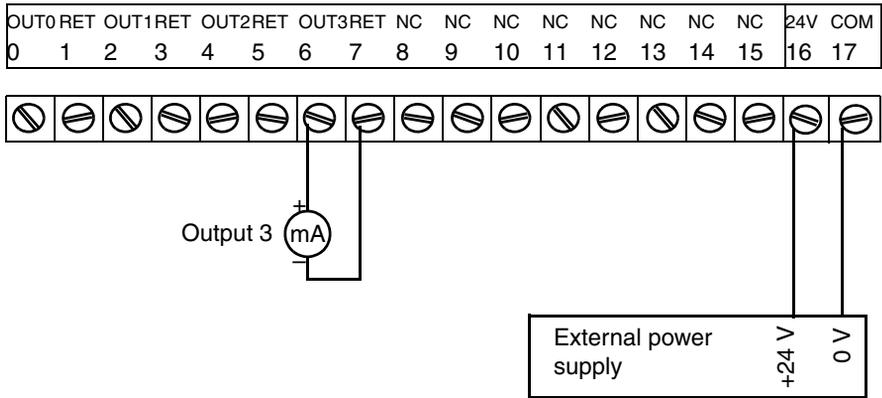


Figure 41. AO210 and 200C-OE4 connections