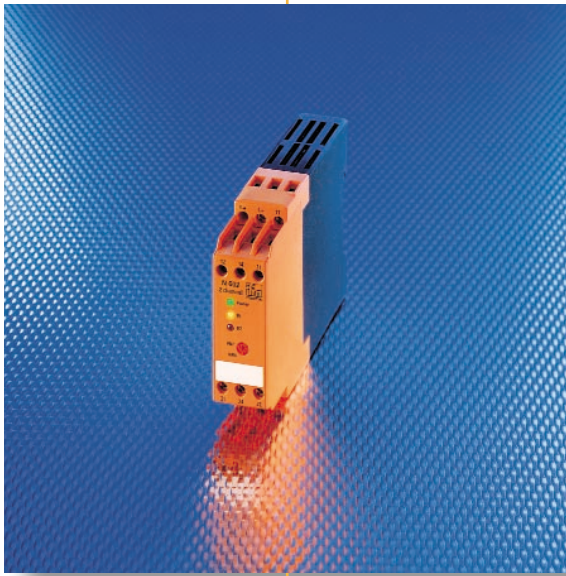


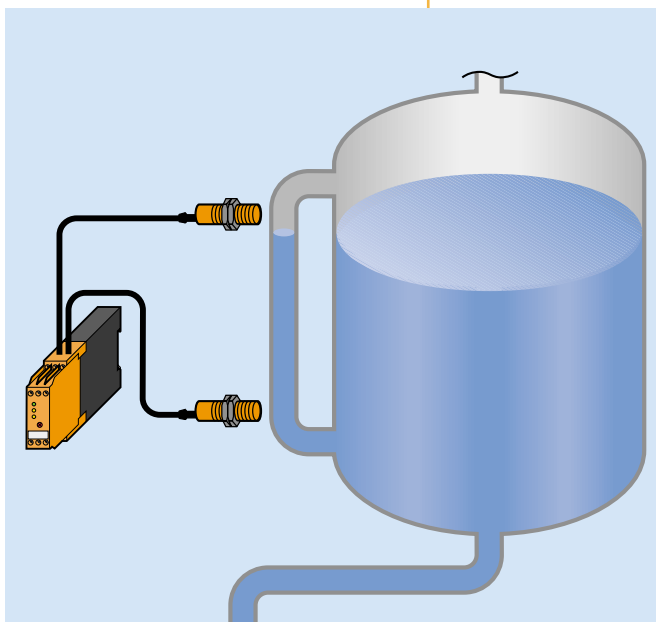
Dual switching: 2-channel switching amplifier N 602.

Powerful complete solution to amplify sensor signals.



- Integrated power supply for sensor supply.
- Wide operating voltage range: 94...264 V AC.
- High output power: 24 V DC / 300 mA.
- Flexible by means of selectable inputs (PNP or NPN).
- Extra-slim housing.

Position sensors



Wide-range
power supply

Small
housing

Electrical
separation

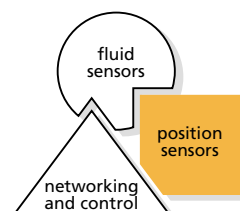
CE

Function

The switching amplifier N 602 has a 24 V DC power supply to supply sensors as well as two relays which are directly triggered via the two inputs of the N 602. The switching outputs of PNP or NPN switching sensors are connected to these inputs. The output relay is energised instantaneously by the input signal. As an alternative, the inputs can also be triggered via mechanical contacts. The selection of the input function is done using a switch on the front panel.

Advantages

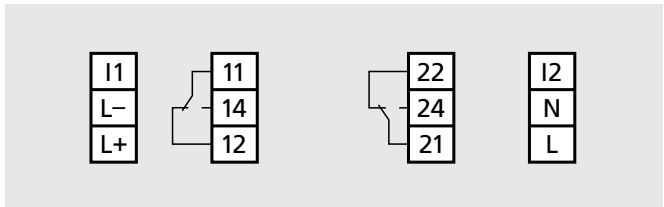
A wide operating voltage range, 300 mA output current, different input functions and the slim housing make the N 602 attractive for the user – not least thanks to the good price / performance ratio.



Features

- **Regulated output voltage**
24 V DC, $\pm 3\%$.
- **High efficiency**
power supply with approx. 84 %.
- **Short-circuit protection**
Overcurrent switch-off with automatic restart.
- **Overload protection**
Overtemperature switch-off with reset by separation from the supply voltage.
- **Electrical separation**
according to IEC 665-1, DIN VDE 0106-101.
- **Switching output**
3 A AC / 230 VA for inductive load.
- **Operating temperature**
0...55 °C.
- **Plastic housing**
with 12 terminals.
- **Protection rating**
housing IP 20, terminals IP 20.
- **Inputs internally protected**
800 mA time-lag.

Terminal connection



Order nos.

Designation	Order no.
N 602, standard	DN 0200

Setting

The N 602 requires no setting other than changing from pnp to NPN switching sensors. Due to the default setting to pnp it is immediately ready to operate in more than 90% of all applications.

Further switching amplifiers

Designation	Order no.
1 channel	
230 V AC / 24 V DC, 100 mA	DN 0001
110 V AC / 24 V DC, 100 mA	DN 0012
230 V AC / 24 V DC, 100 mA, with timer functions	DT 0001

Dimensions

