



Limit value switch for limit value supervision of electrical signals

Double-limit switch for standard signals / for Pt100 input

## Application

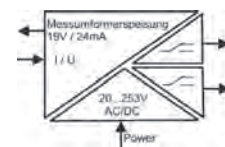
The limit value switch GWA – 250 is used for supervising electrical standard signals 0...10V / 0...20mA resp. 4...20mA or temperature resistors Pt100 regarding transgression resp. underrun of limit values.

The device allows it, additionally to continuous measurements, to set up to two switching limits without the need for additional measurement devices. The version GWA – 250 is suitable for supervision of supply and control voltages, e.g. in the water and waste water industry for filling level monitoring and pump control (e.g. 15% pump on, 95% pump off).

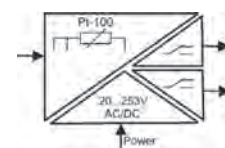
The version GWAP – 250, for connection of a temperature resistor Pt100, can be used for supervision of process temperatures in all fields of industry. Alternatively to the on-site operation, where the key coding switches for setting the switching limit are integrated in the device, the version S is available, where the key coding switches can be installed separately from the device, using them as remote control. These are suitable for the installations into control cubicle doors resp. front panels.



## Connection GWA-250-U0



## Connection GWAP-250-U0



## Your advantages

- Evaluable Signals
  - Standard signals 0...10V / 0...20mA resp. 4...20mA
  - Temperature resistor Pt100 from -50°C...+650°C
- Two limit value relays with different operation modes
  - Safety function with minimum or maximum safety
  - Double limit value function – two separated limit values
  - Two-position-control function – a limit value with hysteresis
- Configurable switching delay
- Simple operation per key coding switch for adjusting the limit values from 0...99% of the signal range in steps of 1%
- Integrated measurand transducer supply
- Version with remote control available
- Wide range power supply from 20 to 253V AC and DC