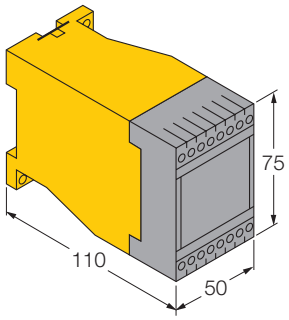
signal processor
MS96 for flow sensors
MS96-12R/24VDC

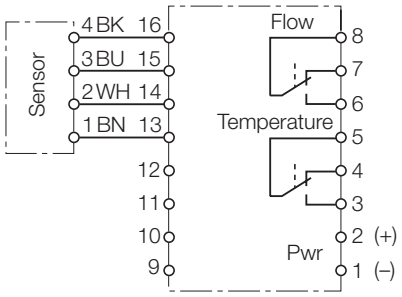
Industrial Automation



- **for connection of a standard flow sensor**
- **adjustment via potentiometer**
- **6 LEDs for display of the flow state**
- **temperature monitoring adjustable in a range of 20…+100 °C**
- **switch-off delay adjustable in a range of 0…25 s**
- **wire-break monitoring**
- **19…29 VDC**
- **2 change-over, relay outputs for flow and temperature**

Type	MS96-12R/24VDC
Ident-No.	5231007
Output function	change-over, relay output
Switching voltage	≤ 250 B AC / 60 B DC
Switching current	≤ 2 A AC / 2 A DC
Switching capacity	≤ 500 BA / 60 Вт
Operating voltage	19… 29VDC
No-load current I_0	≤ 120mA
Operating range	dependent on connected sensor
Housing	terminal chambers, polycarbonate/ABS
Dimensions (w x l x h)	110 x 50 x 75 mm
Attachment	DIN rail (DIN 50022)
Degree of protection (terminals/housing)	IP20 / IP40
Ambient temperature	-20… 60°C
Display 'Setpoint value undershoot '	LED red
Display 'Setpoint value achieved '	LED yellow
Display 'Setpoint value overshoot '	4 x LEDs green

Wiring diagram



Insertion and inline sensors are supplied with voltage by the processor devices which also process and display the measured signals. Devices with MK96…, MS96… and MC96… housing styles are available. The individual housing styles are designed for different operating voltages and feature various output and supplementary functions. For intrinsically safe flow sensors it is required to use signal processors with intrinsically safe control circuits, i.e. the series MS96…Ex… and MC96…Ex… .

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