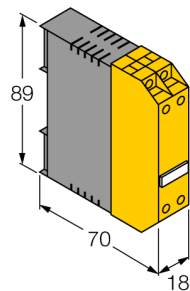


Processor Unit

For the Connection of FCS Product Series Non-Ex Flow Sensors

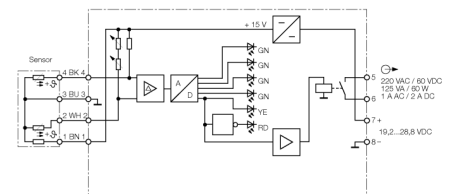
Device with Relay Switching Output (NO)

MK 96-11-R/024VDC



- For connection of a standard flow sensor
- Adjustment via potentiometer
- 6 LEDs for display of the flow state
- 2-wire DC, 19.2...28.8 VDC
- NO contact, relay output

Wiring Diagram



Functional principle

The signal processors not only supply immersion and inline flow sensors with voltage, they also process and display measured signals. Devices of the MK96... and FM-IM-... models are available. The individual models are designed for different operating voltages and feature various output and supplementary functions. For Ex flow sensors, it is required to use signal processors with intrinsically safe input circuits of the FMX-IM-... product series.

Type	MK 96-11-R/024VDC
ID	7525090
Output function	NO contact, Relay output
Switching voltage	≤ 230 VAC / 60 VDC
Switching current	≤ 1 A AC / 2 A DC
Switching capacity	≤ 120 VA / 60 W
Operating voltage U_n	19.2...≤ 28.8 VDC
Current consumption	≤ 70 mA
Operating range	Depending on connected sensor
Design	Signal processor, Plastic
Dimensions(w x l x h)	70x18x89mm
Mounting	DIN rail (DIN 50022)
Protection class (terminals/housing)	IP20 / IP40
Switching state	LED chain, Green/yellow/red
Indication: Drop below setpoint	LED Red
Indication: Setpoint reached	LED Yellow
Indication: Setpoint exceeded	4 × LEDs Green