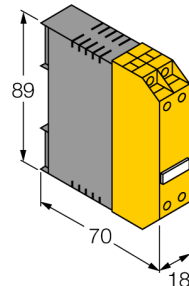


Signal processor MK96 for flow sensors MK96-VN01

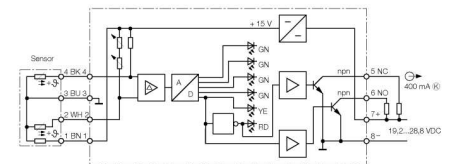
TURCK

Industrial
Automation



- 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
- Antivalent, NPN output

Wiring diagram



Functional principle

Signal processors not only supply insertion and inline sensors with voltage, they 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 of the series MS96...Ex... and MC96...Ex...

Type code	MK96-VN01
Ident no.	7525003
Ambient temperature	-20 ... 60 °C
Operating voltage	19.2...28.8VDC
No-load current I_0	≤ 65 mA
Output function	NPN, NO/NC
Rated operational current	0.4 A
Voltage drop at I_0	≤ 1.5 V
Short-circuit protection	yes
Reverse polarity protection	yes
Protection class	IP20
Protection class (terminals/housing)	IP20 / IP40
Design	terminal chamber
Dimensions	70x 18x 89 mm
Housing material	Polycarbonate/ABS
Connection	Terminal chamber
Switching state	LED chain green / yellow / red
Indication: Drop below setpoint	LED red
Indication: Setpoint reached	LED yellow
Indication: Setpoint exceeded	4 x LEDs green