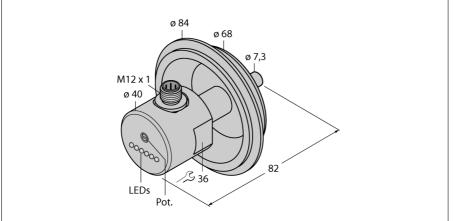
Flow monitoring Immersion sensor with integrated processor FCS-68A4-AP8X-H1141/D003



FCS-68A4-AP8X-H1141/D003

6872003

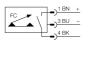
Type code Ident-No.

insertion style sensor 1150cm/s 3300 cm/s typ. 8 s (215 s) typ. 2 s (115 s)	
3300 cm/s typ. 8 s (215 s)	
typ. 8 s (215 s)	
typ. 2 s (1…15 s)	
typ. 2 s (1…15 s)	
max. 12 s ≤ 250 K/min 0…80 °C	
	-2080 °C
	19.2 28.8VDC
≥ 65 mA	
PNP, NO contact	
0.4 A	
≤ 1.5 V	
yes	
yes	
stainless steel, V4A (1.4404)	
stainless steel, AISI 316L	
30 Nm	
flange connector, M12 x 1	
10 bar	
Varivent	
LED chain green / yellow / red	
LED chain	
LED red	
LED yellow	

Indication: Setpoint reached Indication: Setpoint exceeded

- LED band
- Sensor, stainless steel A4 (1.4404)
- **Mechanical Connection: Varivent**
- DC 3-wire, 19.2...28.8 VDC
- NO contact, PNP output ÷.
- Plug-in device, M12 x 1

Wiring Diagram





TURCK

Automation

Industrial

Functional principle

Our insertion - flow sensors operate on the principle of thermodynamics. The measuring probe is heated by several °C as against the flow medium. When fluid moves along the probe, the heat generated in the probe is dissipated. The resulting temperature is measured and compared to the medium temperature. The flow status of every medium can be derived from the evaluated temperature difference. Thus TURCK's wear-free flow sensors reliably monitor the flow of gaseous and liquid media.

4 x LEDs green