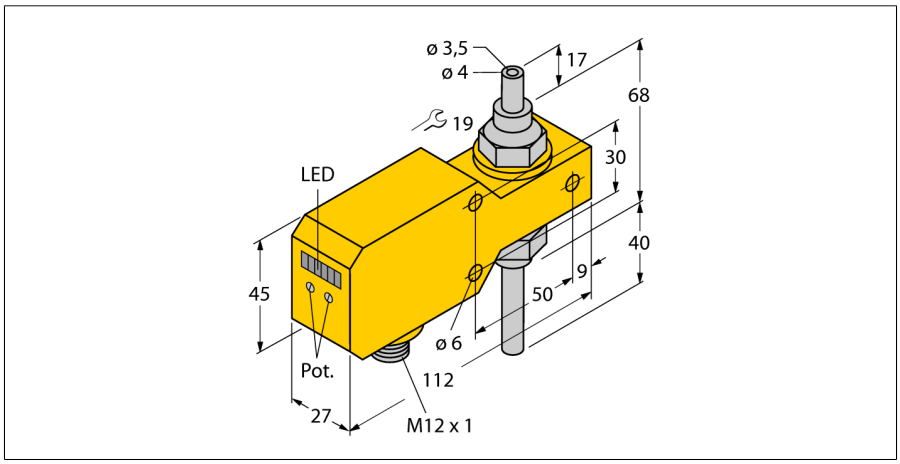
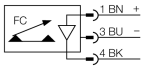
Flow monitoring
Inline sensor with integrated processor
FCI-TCD04A4P-LIX-H1141

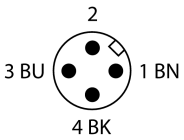


Type designation	FCI-TCD04A4P-LIX-H1141
Ident-No.	6870655
Mounting conditions	Inline sensor
Operating voltage	21.6…26.4 VDC
Short-circuit protection	yes
Current output	4…20 mA
Housing material	Plastic, PBT
Electrical connection	Connectors, M12 × 1
Protection class	IP67
Packaging unit	1

- **Flow sensor for liquid media**
- **Calorimetric principle**
- **Adjustment via potentiometer**
- **LED band**
- **Operating range 1…200 ml/min**
- **Mechanical Connection: Barrel, 4 mm**
- **DC 3-wire, 21.6…26.4 VDC**
- **4…20 mA analog output**
- **Connector device, M12 × 1**

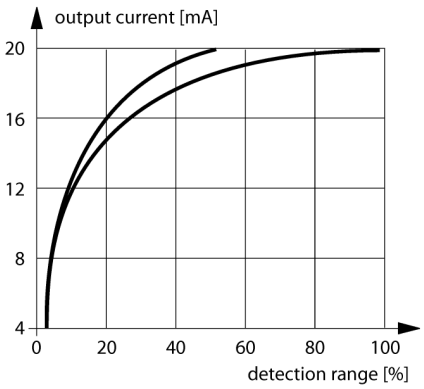
Wiring Diagram





Functional principle

The function of the inline flow sensors is based on the thermo-dynamic principle. Heat is generated in a measuring tube and absorbed by the flowing medium. The transported heat loss is thus a measure of the flow speed. Thus TURCK's wear-free flow sensors reliably monitor the flow of gaseous and liquid media. A low pressure drop and fast response to flow rate variations are the outstanding features of these devices.



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