

# Calorimetric Flow Switch

## FTS-141, FTS-741



### Range of applications

- Monitoring of flowing liquids in pipes
- The monitor can be used for measuring liquids that are viscous (water content is 20 %), that do not contain oil and that have a maximum temperature up to 100 °C (212 °F)

### Application examples

- Flow monitoring in pipes from DN 15, e.g., for the non-protection or for monitoring of leaks, agitators or cooling loops
- Also suitable for highly pure, viscous media without particles or solids (e.g. also filtered media, milk)

### Hygienic design/Process connection

- Hygienic process connection with C12/14 edge
- Compliance to 2 of sanitary standard DIN EN ISO 15848
- All contact materials are FDA compliant
- Seals completely made of stainless steel
- Complete overview of process connections per order code
- The Anderson-Negele C12/14 edge system offers a flow optimized, hygienic and easy-maintainable installation solution for sensors.

### Features

- IP 67 (IP 68) allowing up to 100 °C (212 °F) for 60 minutes max.
- Calorimetric measurement principle with pulsed heating
- Flow optimized geometry of sensor tip
- Immersion to temperature stands, short response time
- Integration of sensor protection through saturated switch-off at over-temperature (T = 100 °C (212 °F))
- Display of flow rate in % of measurement range and signaling of switch output
- Adjustable switch output for 1% of flow rate
- Behavior of IPW switch output can be changed
- Adjustment of switch output behavior when switching off due to over-temperature (T = 100 °C (212 °F))

### Options/Accessories

- Preassembled cable for PLC plug

### Authorizations



### Flow switch FTS 141



### Flow switch FTS 741

