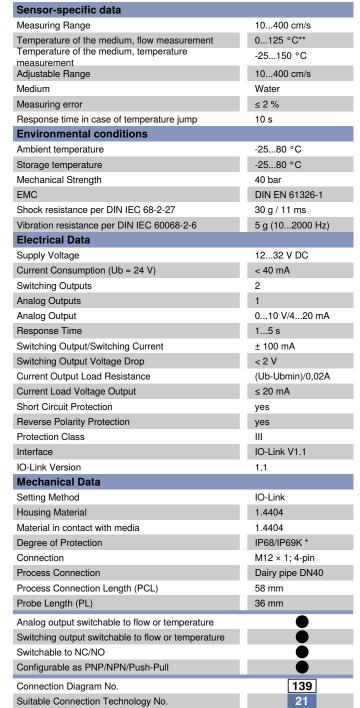
FXFF015

Part Number

weFlux² **Inox**Sens



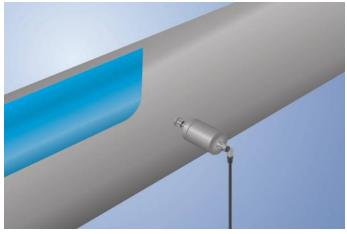


- * Tested by wenglor
- ** The sensors were calibrated and specified for the medium water. Technically, the sensors are suitable for a medium temperature of up to –25 °C. To achieve a temperature below 0 °C, a different medium must be added to the water. This leads to a different measurement result, which is why a use under 0 °C must be tested individually for the mixture used.



- A single sensor for flow and temperature
- FDA compliant
- Measurement independent of flow direction and instillation position
- Ready for Industry 4.0 with IO-Link 1.1

weFlux² Flow Sensors simultaneously measure flow velocity and the temperature of aqueous liquids regardless of position and direction of flow. Advantage: The number of measuring points and the diversity of sensor variants are cut in half, and greatest possible flexibility is assured for installation in closed piping systems. Either 2 switching outputs or 1 switching output and 1 analog output are available depending on application requirements. The outputs can be configured as desired via IO-Link in order to flexibly adapt the sensors to the respective application.

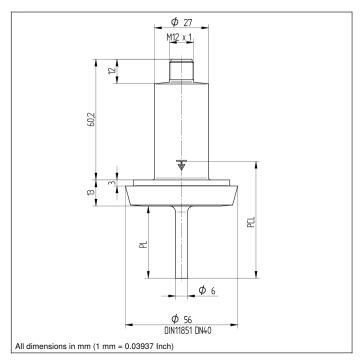


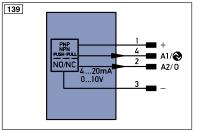
Complementary Products

IO-Link Master

Software







| .egen | nd | PT | Γ | Platinum measuring resistor | ENA | Encoder A | |
|--------|--------------------------------------|----------|------|------------------------------|-------|--------------------------|--|
| + | Supply Voltage + | nc | | not connected | ENB | Encoder B | |
| - | Supply Voltage 0 V | U | | Test Input | Amin | Digital output MIN | |
| ~ | Supply Voltage (AC Voltage) | Ū | | Test Input inverted | Амах | Digital output MAX | |
| Α | Switching Output (NO) | W | ' | Trigger Input | Аок | Digital output OK | |
| Ā | Switching Output (NC) | 0 | | Analog Output | SY In | Synchronization In | |
| V | Contamination/Error Output (NO) | 0- | - | Ground for the Analog Output | SY O | JT Synchronization OUT | |
| V | Contamination/Error Output (NC) | BZ | _ | Block Discharge | OLT | Brightness output | |
| E | Input (analog or digital) | A | WV | Valve Output | М | Maintenance | |
| Т | Teach Input | а | | Valve Control Output + | rsv | reserved | |
| Z | Time Delay (activation) | b | | Valve Control Output 0 V | | | |
| S | Shielding | SY | 1 | Synchronization | | Wire Colors according to | |
| RxD | Interface Receive Path | E+ | + | Receiver-Line | DIN | DIN IEC 757 | |
| TxD | Interface Send Path | S- | + | Emitter-Line | BK | Black | |
| RDY | Ready | ± | | Grounding | BN | Brown | |
| GND | Ground | Sn | ıR | Switching Distance Reduction | RD | Red | |
| CL | Clock | Rx | (+/- | Ethernet Receive Path | OG | Orange | |
| E/A | Output/Input programmable | Tx | <+/- | Ethernet Send Path | YE | Yellow | |
| 0 | IO-Link | Bu | s | Interfaces-Bus A(+)/B(-) | GN | Green | |
| PoE | Power over Ethernet | La | | Emitted Light disengageable | BU | Blue | |
| IN | Safety Input | Ma | eq. | Magnet activation | VT | Violet | |
| OSSD | Safety Output | RE | | Input confirmation | GY | Grey | |
| Signal | Signal Output | EC | | Contactor Monitoring | WH | White | |
| | Ethernet Gigabit bidirect. data line | (A-D) EN | | Encoder A/Ā (TTL) | PK | Pink | |
| | Encoder 0-pulse 0-0 (TTL) | . , | | Encoder B/B (TTL) | GNY | E Green/Yellow | |









