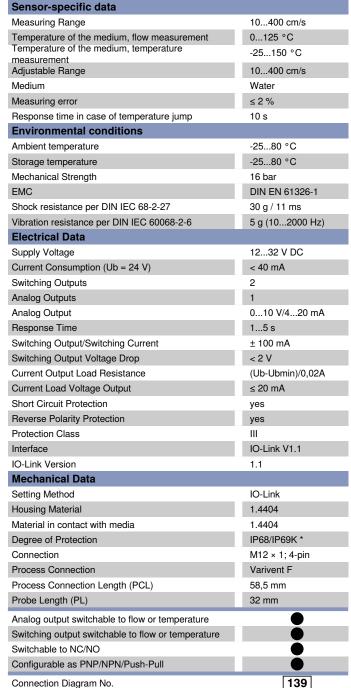
FXFF012

Part Number

weFlux² InoxSens





- * 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.

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- 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.



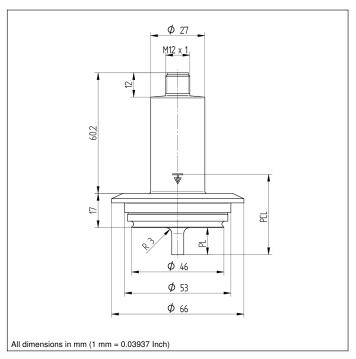
Complementary Products

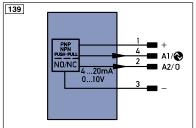
Suitable Connection Technology No.

IO-Link Master

Software







| Legend | | PT | Platinum measuring resistor | ENA | Encoder A | |
|---------|--|-------------|------------------------------|--------------------------|---------------------|--|
| + | Supply Voltage + | nc | not connected | ENв | 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 | |
| A | Switching Output (NC) | 0 | Analog Output | SY In | Synchronization In | |
| V | Contamination/Error Output (NO) | 0- | Ground for the Analog Output | SY OUT | Synchronization OUT | |
| V | Contamination/Error Output (NC) | BZ | Block Discharge | OLT | Brightness output | |
| E | Input (analog or digital) | AMV | 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 | Synchronization | Wire Colors according to | | |
| RxD | Interface Receive Path | E+ | Receiver-Line | DIN IE | DIN IEC 757 | |
| TxD | Interface Send Path | S+ | Emitter-Line | BK | Black | |
| RDY | Ready | ± | Grounding | BN | Brown | |
| GND | Ground | SnR | 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 | Bus | Interfaces-Bus A(+)/B(-) | GN | Green | |
| PoE | Power over Ethernet | La | Emitted Light disengageable | BU | Blue | |
| IN | Safety Input | Mag | Magnet activation | VT | Violet | |
| OSSD | Safety Output | RES | Input confirmation | GY | Grey | |
| Signal | Signal Output | ED M | Contactor Monitoring | WH | White | |
| BI_D+/- | Ethernet Gigabit bidirect. data line (A-D) | ENARS422 | Encoder A/Ā (TTL) | PK | Pink | |
| | Encoder 0-pulse 0-0 (TTL) | | Encoder B/B (TTL) | GNYE | Green/Yellow | |







