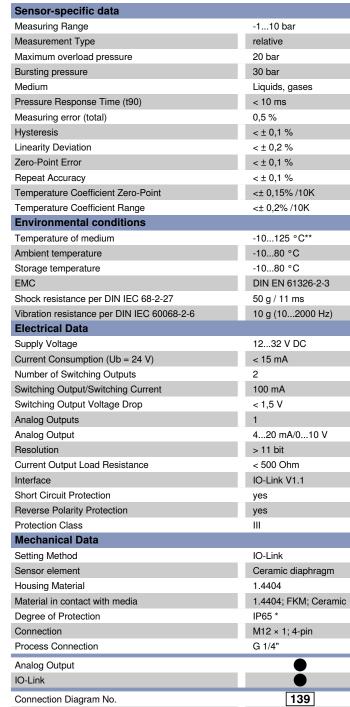
Pressure Sensor with IO-Link

FX5P003

Part Number

weFlux² InoxSens





* Tested by wenglor

Suitable Connection Equipment No.

Suitable Mounting Technology No.

* Tested by wenglor
** Sensors suitable up to 125 °C media temperature. During installation, please ensure that
the sensor housing is adequately cooled by the surroundings.

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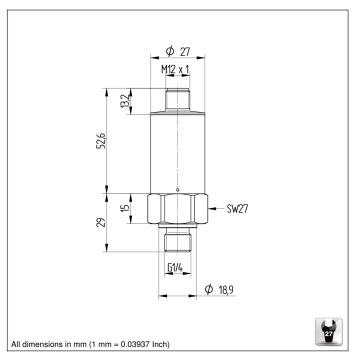


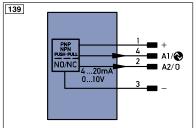
- Compact, laser-welded V4A stainless steel housing
- Individual parameters configuration via IO-Link 1.1
- Outstanding measuring accuracy: ±0.5%
- Quick sensor replacement thanks to data storage

weFlux² pressure sensors precisely measure the relative pressure of any desired media to an accuracy level of $\pm 0.5\%$. Depending on application requirements, either two switching outputs or one switching output and one analog output can be selected for the purpose of reading out measured values. Furthermore, weFlux² pressure sensors offer new dimensions in individual parameters configurability. Sensor parameters, filter and output functions, as well as the unit of measure of the measured values (bar, PSI or Pascal), can be flexibly adjusted.









| Legend | | PT | Platinum measuring resistor | ENARS422 | Encoder A/Ā (TTL) | |
|--------|--|-------|--------------------------------|----------|------------------------------------|--|
| + | Supply Voltage + | nc | not connected | ENBRS422 | Encoder B/B (TTL) | |
| - | Supply Voltage 0 V | U | Test Input | ENA | Encoder A | |
| ~ | Supply Voltage (AC Voltage) | Ū | Test Input inverted | ENB | Encoder B | |
| Α | Switching Output (NO) | W | Trigger Input | Amin | Digital output MIN | |
| Ā | Switching Output (NC) | W - | Ground for the Trigger Input | Амах | Digital output MAX | |
| V | Contamination/Error Output (NO) | 0 | Analog Output | Аок | Digital output OK | |
| V | Contamination/Error Output (NC) | 0- | Ground for the Analog Output | SY In | Synchronization In | |
| E | Input (analog or digital) | BZ | Block Discharge | SY OUT | Synchronization OUT | |
| Т | Teach Input | Awv | Valve Output | OLT | Brightness output | |
| Z | Time Delay (activation) | а | Valve Control Output + | М | Maintenance | |
| S | Shielding | b | Valve Control Output 0 V | rsv | reserved | |
| RxD | Interface Receive Path | SY | Synchronization | Wire Co | Wire Colors according to IEC 60757 | |
| TxD | Interface Send Path | SY- | Ground for the Synchronization | BK | Black | |
| RDY | Ready | E+ | Receiver-Line | BN | Brown | |
| GND | Ground | S+ | Emitter-Line | | Red | |
| CL | Clock | ± | Grounding | OG | Orange | |
| E/A | Output/Input programmable | SnR | Switching Distance Reduction | YE | Yellow | |
| • | IO-Link | Rx+/- | Ethernet Receive Path | GN | Green | |
| PoE | Power over Ethernet | Tx+/- | Ethernet Send Path | BU | Blue | |
| IN | Safety Input | Bus | Interfaces-Bus A(+)/B(-) | VT | Violet | |
| OSSD | Safety Output | La | Emitted Light disengageable | GY | Grey | |
| Signal | Signal Output | Mag | Magnet activation | WH | White | |
| | Ethernet Gigabit bidirect. data line (A-D) | RES | Input confirmation | PK | Pink | |
| | Encoder 0-pulse 0-0 (TTL) | EDM | Contactor Monitoring | GNYE | Green/Yellow | |







