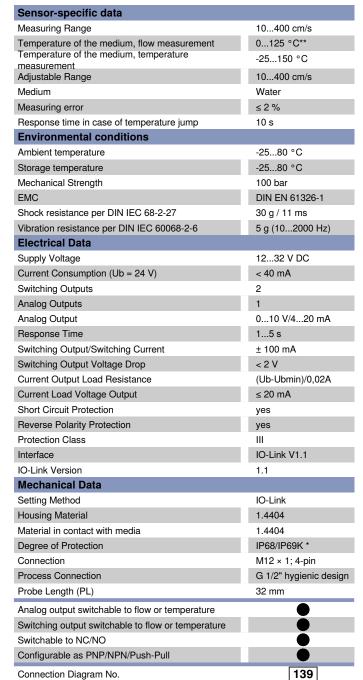
Flow Sensor with IO-Link

FXFF047

Part Number



Technical Data



* Tested by wenglor

Suitable Connection Technology No.

** 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.

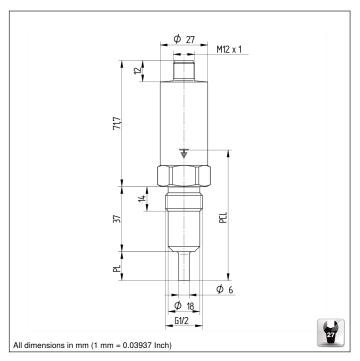


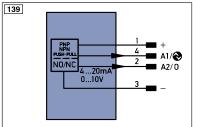
Complementary Products

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	









