

# Temperature Sensor

## FXDD105

Part Number

weFlux<sup>2</sup> InoxSens



- FDA compliant
- Response time T90: < 2 seconds
- Robust stainless steel housing with IP69K
- Temperature measuring range: -50 ... +200° C

### Technical Data

#### Sensor-specific data

Sensor element	PT1000, Class B
Temperature Measurement Range	-50...200 °C
Medium	Liquids, gases
Response Time	< 2 s

#### Environmental conditions

Temperature of medium	-50...200 °C
Ambient temperature	-25...80 °C
Storage temperature	-25...80 °C
Pressure Resistance	100 bar
Shock Resistance	IEC 60751
Vibration resistance	IEC 60751

#### Mechanical Data

Housing Material	1.4404
Material in contact with media	1.4404
Degree of Protection	IP68/IP69K *
Connection	M12 × 1; 4-pin
Process Connection	G 1/4"
Process Connection Length (PCL)	45 mm
Probe Length (PL)	9,5 mm

PT1000

Connection Diagram No.

140

Suitable Connection Equipment No.

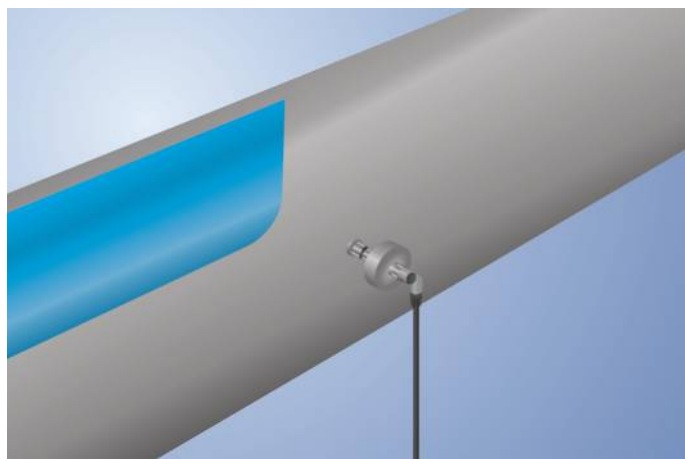
2

Suitable Mounting Technology No.

901

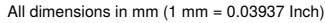
\* Certified by wenglor

weFlux<sup>2</sup> Temperature Sensors ensure precise temperature measurement of liquids and gases in closed piping systems. It's easy to incorporate the standardized PT100/PT1000 resistance value into the controller. The compact housing with a diameter of just 27 mm is made of V4A stainless steel and features an easy-to-clean surface. Thanks to their rugged housing and functional design, the Temperature Sensors are FDA compliant.



### Complementary Products

Seal G1/4" ZH5G001



### Legend