

Overview

The NeoWave TxTL93 liquid temperature and level 2-in-1 sensor uses advanced piezoresistive pressure and PT-100 temperature sensors. It converts signals into standard outputs with digital temperature compensation, a wide operating range, and reliable performance. Designed for liquid level and temperature monitoring in various systems.

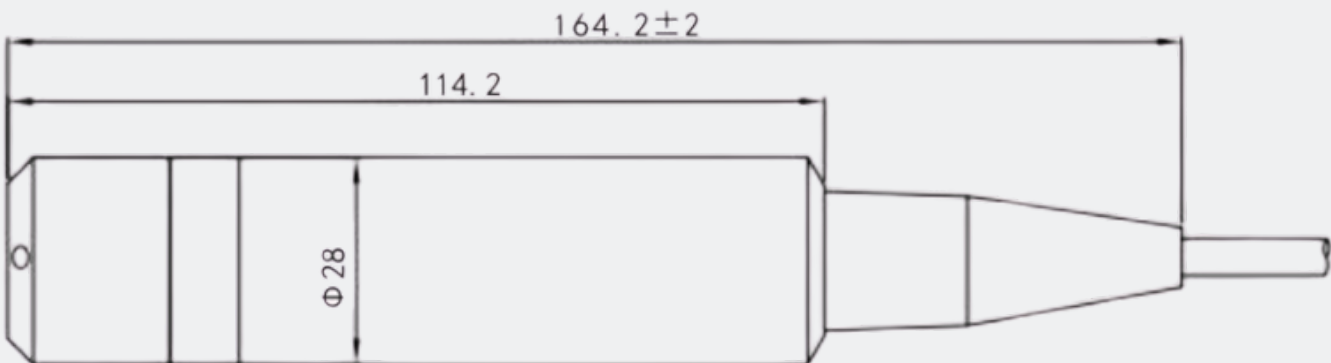
Features

- Reverse connection and overvoltage protection.
- Compact, lightweight, and easy to install.
- Ideal for fluid media temperature measurement, ensuring long-term stability.

Applications

- Petroleum industry
- Chemical industry
- Power plants
- Hydrology systems
- Industrial site temperature monitoring

Dimensions



TXTI93

Liquid Temperature and Level 2 in 1 Sensor



Specifications:

Liquid Temperature and Level 2 in 1 Sensor

Pressure Range	0~1...200mH2O		
Temperature Range	-20~100°C (PT-100)		
Overload pressure	1.5 times full scales		
Accuracy	Pressure: ±0.5%F.S. Temperature: ±2%F.S.		
Stability	<0.5%F.S./year		
Working Temperature	-20~+85°C		
Storage Temperature	-40~+100°C		
Measured Medium	Fluids compatible with 304 and 316 stainless steel, PE, PV, Viton or NBR		
Electrical Performance	Two-wired	Three-wired	Four-wired
Output Signal	4~20mA	0.5~4.5V	RS485
Power Supply	10~30VDC	4.75~5.25VDC	10~30VDC
Electrical connections	M14 waterproof outlet		
Enclosure Rating	IP68		
Pressure Interface	Throw-in Type		
Enclosure Rating	Gauge Pressure G		
Pressure Interface	Safety explosion-proof type E, RoHS, EU electrical safety standards CE		

Selection Code:

Code and description

TxTL93

Liquid Temperature and Level 2 in 1 Sensor

Level Range

0~1...200mH2O

Temperature Range

-20 ~100°C

A

4 ~ 20ma

V0

0.5 ~ 4.5V

RS

RS485

M

Meter

CM

Centimeter

0.5

0.5=0.5% F.S.

M

M=M12 waterproof outlet

1

1m

2

2m

3

3m

Remark

Model

Range

Output Mode

Unit

Accuracy

Electrical Connection

Cable Length