



### Overview:

The NEOWAVE TxSL20 is a submersible liquid level transducer utilizing a high-performance pressure sensor for precise depth measurement. With submersible pressure sensors, it converts measurements into standard output signals via a specialized circuit, ensuring accuracy. Featuring high precision, compact size, and ease of use, it's ideal for measuring liquid levels in various industries like petroleum, chemical, power plants, urban water supply, and hydrological exploration.

### Feature:

- Utilizes a precision oil-filled diffusion silicon core with high overload capacity.
- Remarkable resistance to corrosion and wear.
- Offers a variety of structures for selection
- Includes built-in temperature compensation and supports Modbus-485 communication protocol for intelligent connectivity.
- Features a removable bottom stainless steel cap for diaphragm protection and easy cleaning.
- Utilizes a cutting-edge double-layer waterproof structure for enhanced waterproofing at the top sensor.

### TxSL20

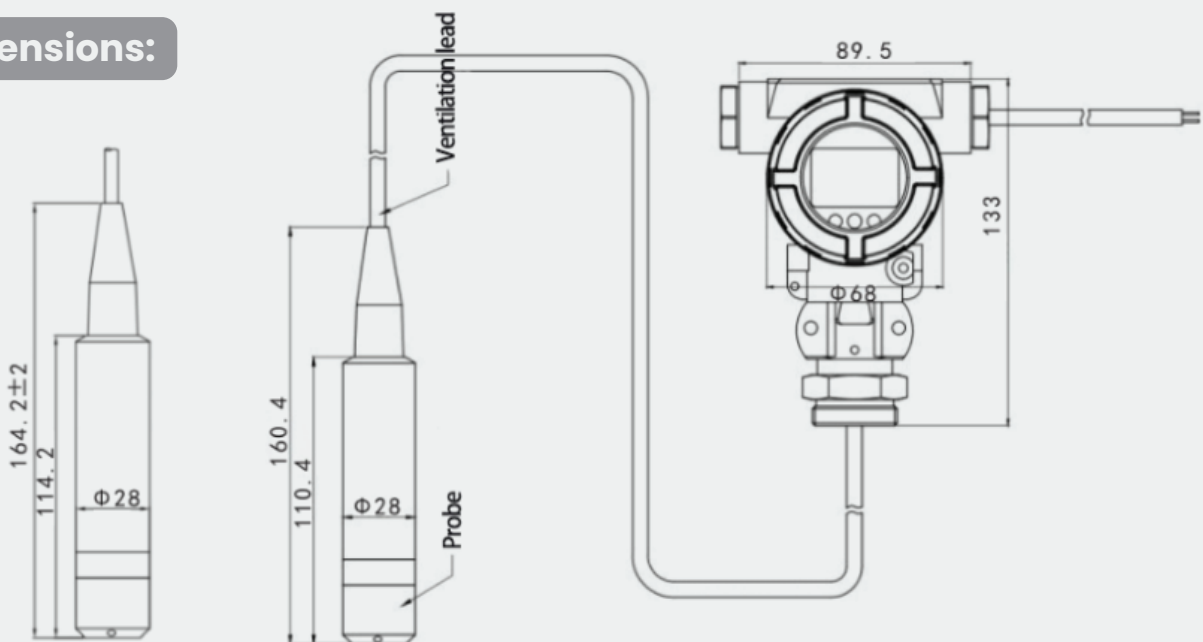
### Submersible Liquid Level Transducer



### Application:

- Industrial reservoir for water storage
- Urban water infrastructure initiative
- Desalination process
- Treatment of wastewater

### Dimensions:





NEOWAVE®

**Specifications:**

NEOWAVE Submersible Liquid Level Transducer TxSL20

Measurement Range	0~0.5...200mH2O
Overload Pressure	1.5 times full scales
Accuracy	±0.5%F.S.
Stability	<0.5%F.S./Year
Working Temperature	-20°C~85°C
Storage temperature	-40°C~100°C
Medium	Fluids compatible with 304 and 316 stainless steel, PE, PV, Viton or NBR

NEOWAVE Submersible Liquid Level Transducer TxSL20

Electrical connections	Two-wired	Three-wired			Four-wired
Output signal	4~20mA	0.5~4.5V	0~5V	0~10V	RS485
Power supply	8~36VDC	4.75~5.25 VDC	8~36 VDC	12~36 VDC	10~30VDC

NEOWAVE Digital Display Type Submersible Liquid Level Transducer TxSL20

Electrical Performance	Two-wired	Three-wired	Four-wired
Output Signal	4~20mA	0~10V	RS485
Power Supply	10~30VDC	14~36VDC	10~36VDC
Electrical Connection	Directly outlet		
Protection Grade	IP68		
Pressure Connection	Throw-in Type		
Pressure Form	Gauge Pressure		
Certification	Safety explosion-proof type E, RoHS, EU electrical safety standards CE		



**Order Informations:**

TxSL20	Code and description		Remark
	Submersible Liquid Level Transducer		Model
Range	0~0.5...200mH2O		Range
A	4~20mA (Two-wired)		Output Mode
V0	0.5~4.5V (Three-wired)		
V5	0~5V (Three-wired )		
V10	V10 = 0~10V (Three-wired )		
RS	RS = RS485		
M	M=Meter		Unit
CM	CM=Centimeter		
0.5	0.5 = 0.5%F.S.		Accuracy
M	M =Directly outlet		Electrical connection
1	N=Without display		Display
2	D2=Explosion-proof digital display type		
1	1.0 = 1m		Cable length
2	2.0 = 2m		