



an INFINIT® brand

Level Transmitter, 0-20mH2O/OIL 4-20mA out, 11-28V, Stainless 304, 25m Polyethylene



## LT989W Series IOT Pressure Sensors Technical Data Sheet

LT989W-20M25V1E22

### Features

- Level range 0-20 meters
- Sensor housing IP68
- Isolated construction, enable to measure various media
- Stainless steel

### Applications

- Industrial process control
- Liquid level measurement
- Chemical industries
- Water and Waste Management
- Mining

### Description

LT989W-20M25V1E22 is a highly stable, reliable and fully sealed submersible level transmitter. LT989W-20M25V1E22 level transmitter comes in a compact size, and is lightweight and stable. It can be used to measure liquid levels for many applications in metallurgy, mining, chemicals, water supply and waste management.

### Product Configuration

Application: Level Transmitter  
 Pressure Type: Gauge

### General Specifications

Description	Minimum	Typical	Maximum	Unit
Level Range	0		20	mH2O/OIL
Accuracy		±0.5		%Full Scale
Zero Thermal Error per °C		±0.02		% Full Scale/°C
Span Thermal Error per °C		±0.05		% Full Scale/°C
Long Term Stability		±0.2		%Full Scale/year
Overpressure		1.5		xFull Scale

### Electrical Specifications

Description	Minimum	Typical	Maximum	Unit
Output Signal		4-20mA		
Power Supply/Excitation Level	11	24	28	VDC

### Material Specifications

Description	Material
Diaphragm	Stainless Steel 316L
Plug Housing	Stainless Steel 304
Tubing	NBR



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O-Ring

Viton

### Mechanical Specifications

#### Electrical Connection

Wire Color	2-Wire
Black	+V
Red	0V/+OUT
White	GND

### Environmental Specifications

Temperature (Operating)	-10°C to 70°C
Temperature (Storage)	-20°C to 85°C
Certifications	ROHS Compliant
	CE Compliant

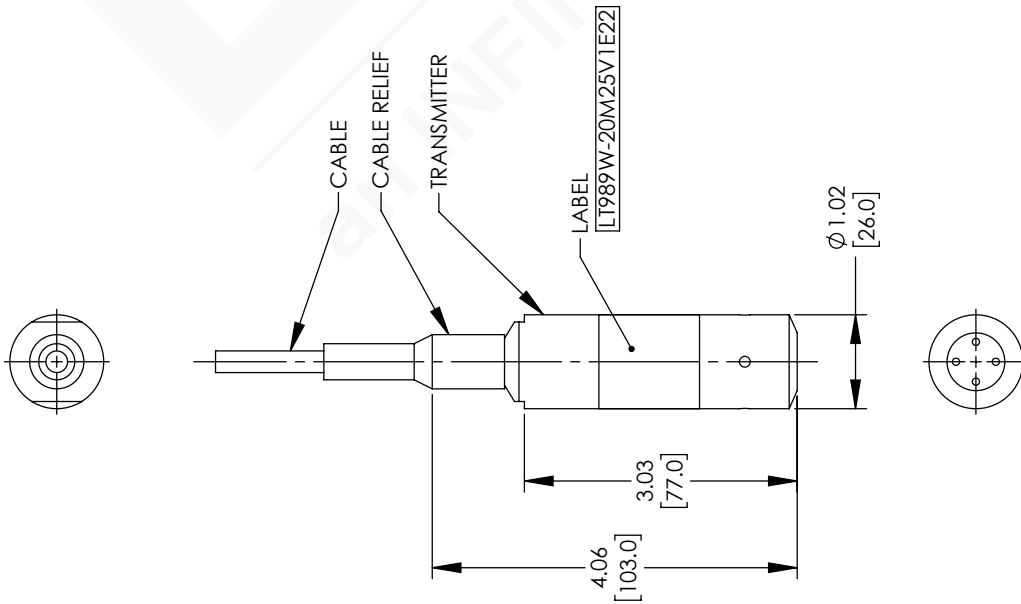
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# LT989W-20M25V1E22 CAD Drawing

Level Transmitter, 0-20mH2O/OIL 4-20mA out, 11-28V, Stainless 304, 25m Polyethylene

REV		REVISIONS		DATE		APPROVED	
DESCRIPTION							
A	INITIAL RELEASE			05/24/19			TOA



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TOLERANCES: .X±.2 [5.08] .XX±.01 [25] .XXX±.005 [13]	FRACTIONS ± 1/32	ANGLES ± 1°	SCALE N/A	SHEET 1 OF 1	REV A
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.		THIRD-ANGLE PROJECTION		PART NUMBER LT989W-20M25V1E22	
DRAWN BY DZINN		SIZE A		CAGE NUMBER 43321	

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