



an INFINIT® brand

Level Transmitter, 0-100mH2O/OIL 0.5-4.5V out, Stainless 304, 105m Polyethylene



LT989W Series IOT Pressure Sensors Technical Data Sheet

LT989W-100M105V6K22

Features

- Level range 0-100 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-100M105V6K22 is a highly stable, reliable and fully sealed submersible level transmitter. LT989W-100M105V6K22 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		100	mH2O/OIL
Accuracy		±0.5		%Full Scale
Zero Thermal Error		±0.02		% Full Scale/°C
Span Thermal Error		±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		0.5-4.5V		
Power Supply/Excitation Level		5		VDC
Output Load	10,000			Ohms

Material Specifications

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



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Tubing	NBR
O-Ring	Viton

Mechanical Specifications

Electrical Connection

Wire Color	3-Wire
Black	+V
Red	+OUT
White	GND

Environmental Specifications

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

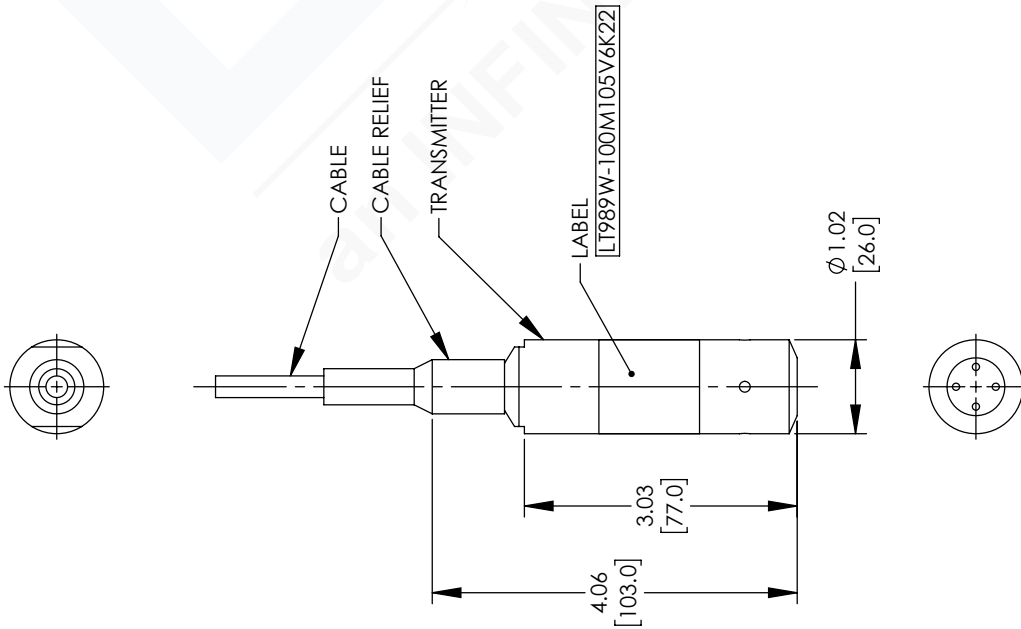
The Infinite Electronics portfolio includes coaxial cable assemblies, connectors, adapters and custom products, as well as our wireless product line which includes antennas, RF amplifiers, lightning and surge protectors, and NEMA rated enclosures.

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LT989W-100M105V6K22 CAD Drawing

Level Transmitter, 0-100mH₂O/OIL 0.5-4.5V out, Stainless 304, 105m Polyethylene

REV	DESCRIPTION	DATE	APPROVED
1	INITIAL RELEASE	05/24/19	TOA



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TOLERANCES: .X±.2 [5.08] FRACTIONS .XX±.01 [25] ± 1/32 .XXX±.005 [13] ANGLES ± 1°		SHEET 1 OF 1	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.		SCALE N/A	
THIRD-ANGLE PROJECTION		PART NUMBER	
		REV A	
SIZE	CAGE	DRAWN BY	PART NUMBER
A	43321	DZINN	LT989W-100M105V6K22



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