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Level Transmitter, 0-50mH2O/OIL 4-20mA out, 11-28V, Stainless 304, 55m Polyethylene



LT989W Series IOT Pressure Sensors Technical Data Sheet

LT989W-50M55V1E22

Features

- Level range 0-50 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-50M55V1E22 is a highly stable, reliable and fully sealed submersible level transmitter. LT989W-50M55V1E22 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		50	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		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

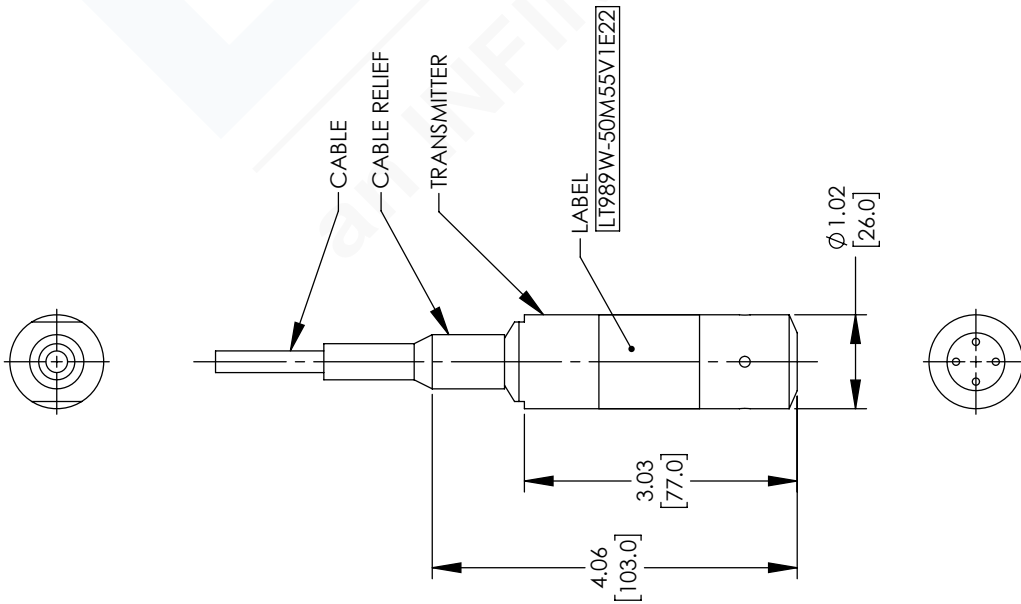
The Infinite Electronics portfolio includes coaxial cable assemblies, connectors, adapters and custom products, as well as our wireless product line which includes antennas, RF amplifiers, lightning and surge protectors, and NEMA rated enclosures.

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LT989W-50M55V1E22 CAD Drawing

Level Transmitter, 0-50mH2O/OIL 4-20mA out, 11-28V, Stainless 304, 55m Polyethylene

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



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TOLERANCES: .X±.2 [5.08] FRACTIONS ± 1/32 .XX±.01 [25] ANGLES ± 1° .XXX±.005 [13]		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-50M55V1E22

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